

Package: flourishcharts (via r-universe)

December 22, 2024

Title 'Flourish' for 'R' and 'Python'

Version 1.0.0.3

Description Interactive data visualization for data practitioners. 'flourishcharts' allows users to visualize their data using 'Flourish' graphs that are grounded in data storytelling principles. Users can create racing bar & line charts, as well as other interactive elements commonly found in 'D3' graphics, easily in 'R' and 'Python'. The package relies on an enterprise API provided by 'Flourish', a data visualization platform <<https://developers.flourish.studio/api/introduction/>>.

License MIT + file LICENSE

Encoding UTF-8

Language en

LazyData true

RoxygenNote 7.3.2

Suggests testthat (>= 3.2.0), knitr, rmarkdown, reticulate, tidyr, here

Config/testthat/edition 3

URL <https://www.canva.dev/opensource/flourish-charts/>,
<https://github.com/canva-public/flourishcharts>

BugReports <https://github.com/canva-public/flourishcharts/issues>

Depends R (>= 4.00)

Imports htmlwidgets, htmltools, jsonlite, dplyr, httr, utils

VignetteBuilder knitr

NeedsCompilation no

Author Zoe Meers [aut, trl, cre], Alex Sadleir [aut], Luisa Bider [aut], Flourish Studio (Canva UK Operations Ltd) [cph]

Maintainer Zoe Meers <zoe.m@canva.com>

Repository CRAN

Date/Publication 2024-10-22 08:40:02 UTC

Config/pak/sysreqs make libssl-dev

Contents

bind_audio_data	3
bind_bar_chart_race_data	5
bind_bubble_chart_data	10
bind_calculator_data	11
bind_cards_data	12
bind_chord_diagram_data	16
bind_draw_the_line_data	17
bind_election_results_chart_data	18
bind_gantt_data	19
bind_gauge_data	20
bind_hierarchy_data	22
bind_horsrace_data	24
bind_interactive_svg_data	29
bind_line_bar_pie_data	30
bind_marimekko_data	34
bind_network_graph_data	38
bind_parliament_chart_data	39
bind_pictogram_data	40
bind_quiz_data	41
bind_radar_data	43
bind_sankey_data	46
bind_scatter_data	51
bind_slope_chart_data	57
bind_sports_data	61
bind_sports_race_data	66
bind_survey_data	67
bind_svg_annotator_data	70
bind_table_data	71
bind_text_annotator_data	72
bind_timeline_data	73
bind_tournament_data	77
bind_word_cloud_data	82
flourish	83
flourish_api_documentation	84
gapminder	85
set_audio_details	86
set_bar_chart_race_details	99
set_bubble_chart_details	122
set_calculator_details	143
set_cards_details	169
set_chord_diagram_details	197
set_countdown_details	213
set_draw_the_line_details	223
set_election_results_chart_details	248
set_gantt_details	271
set_gauge_details	302

set_hierarchy_details	326
set_horsrace_details	353
set_interactive_svg_details	382
set_line_bar_pie_details	398
set_marimekko_details	450
set_network_graph_details	489
set_number_ticker_details	507
set_parliament_chart_details	519
set_photo_slider_details	538
set_pictogram_details	549
set_quiz_details	579
set_radar_details	593
set_sankey_details	620
set_scatter_details	645
set_slope_chart_details	689
set_sports_details	715
set_sports_race_details	740
set_survey_details	758
set_svg_annotator_details	785
set_table_details	799
set_text_annotator_details	822
set_timeline_details	833
set_tournament_details	861
set_word_cloud_details	877

Index**897**

bind_audio_data	<i>Bind audio data</i>
-----------------	------------------------

Description

Bind audio data

Usage

```
bind_audio_data(
    .,
    data = NULL,
    url = NULL,
    title = NULL,
    subtitle = NULL,
    filter = NULL,
    url_input_format = NULL,
    url_output_format = NULL,
    subtitle_input_format = NULL,
    subtitle_output_format = NULL,
    title_input_format = NULL,
```

```

    title_output_format = NULL,
    filter_input_format = NULL,
    filter_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
url	Audio URL. The URL of a publicly readable MP3 file. Suggested data type hints: string. Flourish type hint: column
title	Audio title. Suggested data type hints: string. Flourish type hint: column
subtitle	Audio subtitle. Suggested data type hints: string. Flourish type hint: column
filter	Filter. Suggested data type hints: string, number. Flourish type hint: column
url_input_format	Formats/parses dates, strings, and numbers for the url column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
url_output_format	Formats/parses dates, strings, and numbers for the url column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
subtitle_input_format	Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
subtitle_output_format	Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
title_input_format	Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

title_output_format

Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

filter_input_format

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

filter_output_format

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "audio", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_audio_data(gapminder)
)
```

bind_bar_chart_race_data

Bind bar chart race data

Description

Bind bar chart race data

Usage

```

bind_bar_chart_race_data(
  .,
  data = NULL,
  captions_data = NULL,
  label = NULL,
  values = NULL,
  category = NULL,
  image = NULL,
  captions_from = NULL,
  captions_to = NULL,
  captions_text = NULL,
  captions_image = NULL,
  captions_image_input_format = NULL,
  captions_image_output_format = NULL,
  captions_text_input_format = NULL,
  captions_text_output_format = NULL,
  captions_to_input_format = NULL,
  captions_to_output_format = NULL,
  captions_from_input_format = NULL,
  captions_from_output_format = NULL,
  category_input_format = NULL,
  category_output_format = NULL,
  image_input_format = NULL,
  image_output_format = NULL,
  label_input_format = NULL,
  label_output_format = NULL,
  values_input_format = NULL,
  values_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
captions_data	Captions data.
label	Label. A column containing the names of the bars, e.g. countries or people. Suggested data type hints: string. Flourish type hint: column
values	Values. Multiple columns of numbers, each column representing a point in time Suggested data type hints: number. Flourish type hint: columns
category	Categories. Optional category column to color the bars Make sure the Color mode setting is set to By Category in the Bar colors settings panel. Suggested data type hints: string. Flourish type hint: column
image	Image. Optional column with URLs of images. Suggested data type hints: string. Flourish type hint: column

captions_from	Time to show. Must match the column headers in the main data sheet. Suggested data type hints: string, datetime. Flourish type hint: column
captions_to	Time to hide. Must match the column headers in the main data sheet. Suggested data type hints: string, datetime. Flourish type hint: column
captions_text	Text. Text or HTML to show. Suggested data type hints: string. Flourish type hint: column
captions_image	Image. Image to show. Add an image URL or right-click on a cell to upload an image. Suggested data type hints: string. Flourish type hint: column
captions_image_input_format	Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
captions_image_output_format	Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
captions_text_input_format	Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
captions_text_output_format	Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
captions_to_input_format	Formats/parses dates, strings, and numbers for the to column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_to_output_format`

Formats/parses dates, strings, and numbers for the to column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_from_input_format`

Formats/parses dates, strings, and numbers for the from column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`captions_from_output_format`

Formats/parses dates, strings, and numbers for the from column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`category_input_format`

Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`category_output_format`

Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_input_format`

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when speci-

fyng metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

image_output_format

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

label_input_format

Formats/parses dates, strings, and numbers for the label column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

label_output_format

Formats/parses dates, strings, and numbers for the label column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

values_input_format

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

values_output_format

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
```

```

flourish(chart_type = "bar_race", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
bind_bar_chart_race_data(gapminder)
)

```

bind_bubble_chart_data

Bind bubble chart data

Description

Bind bubble chart data

Usage

```

bind_bubble_chart_data(
  .,
  data = NULL,
  label = NULL,
  color = NULL,
  size = NULL,
  axis_values = NULL,
  image = NULL,
  metadata = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
label	Label
color	Color by. Used to color the bubbles. Flourish type hint: column
size	Size by. Value for bubble size. Flourish type hint: column
axis_values	Axis values. Values used to plot the bubbles when the bubbles are aligned on an axis. Flourish type hint: column
image	Image. Images for bubbles. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "bubble", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_bubble_chart_data(gapminder)
)
```

bind_calculator_data *Bind calculator data*

Description

Bind calculator data

Usage

```
bind_calculator_data(
  .,
  questions_data = NULL,
  question_text = NULL,
  question_type = NULL,
  context_text = NULL,
  image = NULL,
  answers_raw = NULL,
  fallback_value = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
questions_data	Questions data.
question_text	Question text. The question text. Flourish type hint: column
question_type	Question type. The type of question. Choose from number input, text input, single response buttons, multi response buttons, dropdown, single date picker, range date picker, multi date picker, rating, single slider or range slider. Leave empty to just display text. Flourish type hint: column
context_text	Question context. Additional information. Flourish type hint: column
image	Image. Question background image. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
answers_raw	Answers. Answer values separated by "::". Required for single and multi-response buttons, dropdown and rating questions. Rating answers can take optional labels per value noted as "Value » Label" - for example, "1 » Bad :: 2 :: 3 » Good". Number inputs can take range specifications in the format "min: 0 :: max: 50 :: step: 2". Slider inputs can take slider specifications in the format "min: 0 :: max: 100 :: value: 10". Use two comma separated values for range sliders, eg.: "value: 1, 100". See the templates documentation for additional info. Flourish type hint: column

`fallback_value` Fallback value. Fallback value to fill the answer input if left empty by the user. Works for all question types but sliders, which will always show the initial value. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "calculator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_calculator_data(gapminder)
)
```

<code>bind_cards_data</code>	<i>Bind cards data</i>
------------------------------	------------------------

Description

Bind cards data

Usage

```
bind_cards_data(
  ` ,
  cards_data = NULL,
  title = NULL,
  image = NULL,
  category = NULL,
  subtitle = NULL,
  text = NULL,
  audio = NULL,
  filter = NULL,
  metadata = NULL,
  audio_input_format = NULL,
  audio_output_format = NULL,
  category_input_format = NULL,
  category_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  image_input_format = NULL,
  image_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  subtitle_input_format = NULL,
  subtitle_output_format = NULL,
  text_input_format = NULL,
```

```

    text_output_format = NULL,
    title_input_format = NULL,
    title_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
cards_data	Cards data.
title	Title. Suggested data type hints: string. Flourish type hint: column
image	Image. Suggested data type hints: string. Flourish type hint: column
category	Categories. Optional category column to color the cards. Suggested data type hints: string. Flourish type hint: column
subtitle	Subtitle. Suggested data type hints: string. Flourish type hint: column
text	Text. Suggested data type hints: string. Flourish type hint: columns
audio	Audio. Add an audio file to the card, which will play when the card is clicked. This will disable popup behavior. Suggested data type hints: string. Flourish type hint: column
filter	Filter. Suggested data type hints: string, number, datetime. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns
audio_input_format	Formats/parses dates, strings, and numbers for the audio column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
audio_output_format	Formats/parses dates, strings, and numbers for the audio column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
category_input_format	Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`category_output_format`

Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_input_format`

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_output_format`

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma',

'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_output_format

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

subtitle_input_format

Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

subtitle_output_format

Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

text_input_format

Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

text_output_format

Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

title_input_format

Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

title_output_format

Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "cards", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_cards_data(gapminder)
)
```

bind_chord_diagram_data

Bind chord diagram data

Description

Bind chord diagram data

Usage

```
bind_chord_diagram_data(
  .,
  connections_data = NULL,
  source = NULL,
  target = NULL,
  value = NULL
)
```


Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
connections_data	Connections data.
source	Source
target	Target
value	Value. A number specifying the size of the flow. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "chord_diagram", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_chord_diagram_data(gapminder)
)
```

bind_draw_the_line_data

Bind draw the line chart data

Description

Bind draw the line chart data

Usage

```
bind_draw_the_line_data(
  .,
  data = NULL,
  x = NULL,
  lines_reveal = NULL,
  lines_fixed = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
x	Time (x axis). Labels for the X axis. Flourish type hint: column
lines_reveal	Lines reveal
lines_fixed	Lines fixed

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "draw_the_line", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_draw_the_line_data(gapminder)
)
```

```
bind_election_results_chart_data
```

Bind election results chart data

Description

Bind election results chart data

Usage

```
bind_election_results_chart_data(
  .,
  values_now_data = NULL,
  values_historical_data = NULL,
  values_now_name = NULL,
  values_now_values = NULL,
  values_historical_name = NULL,
  values_historical_values = NULL
)
```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

values_now_data

Values now data.

values_historical_data

Values historical data.

values_now_name

Region name. The name of the data series (eg. voting district). Flourish type hint: column

values_now_values

Results by party. One column per party, with party names as header rows. Flourish type hint: columns

values_historical_name

Region name. The name of the data series (eg. voting district). Flourish type hint: column

values_historical_values

Results by party. One column per party, with party names as header rows. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "election_results", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_election_results_chart_data(gapminder)
)
```

bind_gantt_data	<i>Bind gantt chart data</i>
-----------------	------------------------------

Description

Bind gantt chart data

Usage

```
bind_gantt_data(
  .,
  gantt_data = NULL,
  start_date = NULL,
  end_date = NULL,
  task = NULL,
  grouping = NULL,
  color = NULL,
  progress = NULL,
  filter = NULL,
  metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
gantt_data	Gantt data.
start_date	Start date
end_date	End date. The end date or time of the event. If working with days, the end date should be the first day after the end date. So if your event stretches from 1/1. and ends on the 5/1. your end date should be 6/1. This will mean your Gantt bar will stretch across the last day of your project or task. Flourish type hint: column

task	Task
grouping	Group. Select a categorical column to combine bars into groups on the Y axis. Flourish type hint: column
color	Color category. Select a categorical column; each unique value in the column will become a color. Flourish type hint: column
progress	Progress. Requires a number column with values between 0 and 1, representing the progress from 0 to 100%. Flourish type hint: column
filter	Filter. If set, creates a filter menu or time slider. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "gantt", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_gantt_data(gapminder)
)
```

bind_gauge_data	<i>Bind gauge data</i>
-----------------	------------------------

Description

Bind gauge data

Usage

```
bind_gauge_data(
  .,
  data = NULL,
  name = NULL,
  value = NULL,
  name_input_format = NULL,
  name_output_format = NULL,
  value_input_format = NULL,
  value_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
name	Name
value	Value. One or more columns of numbers. Flourish type hint: columns
name_input_format	Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
name_output_format	Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
value_input_format	Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
value_output_format	Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "gauge", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_gauge_data(gapminder)
)
```

bind_hierarchy_data *Bind hierarchy data*

Description

Bind hierarchy data

Usage

```
bind_hierarchy_data(
  .,
  data = NULL,
  nest_columns = NULL,
  size_columns = NULL,
  filter = NULL,
  popup_metadata = NULL,
  nest_columns_input_format = NULL,
  nest_columns_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  popup_metadata_input_format = NULL,
  popup_metadata_output_format = NULL,
  size_columns_input_format = NULL,
  size_columns_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
nest_columns	Categories/nesting. Choose one or more categorical columns to nest by. The data is nested in the same order as the chosen columns (e.g. C, B is different from B, C). Suggested data type hints: string. Flourish type hint: columns
size_columns	Size by. Optionally choose one or more numeric columns to size by. If more than one is chosen, a dropdown will appear in the visualization which lets the user choose. Rows with negative values are excluded. Suggested data type hints: number. Flourish type hint: columns
filter	Filter. Optionally choose a categorical column to filter by. Suggested data type hints: string, number, datetime. Flourish type hint: column
popup_metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns

`nest_columns_input_format`

Formats/parses dates, strings, and numbers for the `nest_columns` column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`nest_columns_output_format`

Formats/parses dates, strings, and numbers for the `nest_columns` column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`

Formats/parses dates, strings, and numbers for the `filter` column. If string: any arbitrary string. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. If date-time: A date-time format such as `"%Y-%m-%dT%H:%M:%S.%LZ"`, `"%d/%m/%Y"`, `"%d %b"`, `"%-I%p"`, `"Q%q %Y"`, `"%Y Q%q"`, and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`

Formats/parses dates, strings, and numbers for the `filter` column. If string: any arbitrary string. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. If date-time: A date-time format such as `"%Y-%m-%dT%H:%M:%S.%LZ"`, `"%d/%m/%Y"`, `"%d %b"`, `"%-I%p"`, `"Q%q %Y"`, `"%Y Q%q"`, and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`popup_metadata_input_format`

Formats/parses dates, strings, and numbers for the `popup_metadata` column. If string: any arbitrary string. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. If date-time: A date-time format such as `"%Y-%m-%dT%H:%M:%S.%LZ"`, `"%d/%m/%Y"`, `"%d %b"`, `"%-I%p"`, `"Q%q %Y"`, `"%Y Q%q"`, and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish

to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

popup_metadata_output_format

Formats/parses dates, strings, and numbers for the popup_metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

size_columns_input_format

Formats/parses dates, strings, and numbers for the size_columns column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

size_columns_output_format

Formats/parses dates, strings, and numbers for the size_columns column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "treemap", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_hierarchy_data(gapminder)
)
```

bind_horserace_data *Bind line chart race data*

Description

Bind line chart race data

Usage

```

bind_horserace_data(
  .,
  horserace_data = NULL,
  captions_data = NULL,
  horserace_name = NULL,
  horserace_stages = NULL,
  horserace_category = NULL,
  horserace_pic = NULL,
  horserace_filter = NULL,
  captions_from = NULL,
  captions_to = NULL,
  captions_text = NULL,
  captions_image = NULL,
  captions_image_input_format = NULL,
  captions_image_output_format = NULL,
  captions_to_input_format = NULL,
  captions_to_output_format = NULL,
  captions_from_input_format = NULL,
  captions_from_output_format = NULL,
  captions_text_input_format = NULL,
  captions_text_output_format = NULL,
  horserace_category_input_format = NULL,
  horserace_category_output_format = NULL,
  horserace_filter_input_format = NULL,
  horserace_filter_output_format = NULL,
  horserace_pic_input_format = NULL,
  horserace_pic_output_format = NULL,
  horserace_name_input_format = NULL,
  horserace_name_output_format = NULL,
  horserace_stages_input_format = NULL,
  horserace_stages_output_format = NULL
)

```

Arguments

. The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

horserace_data Horserace data.

captions_data Captions data.

horserace_name Label. The name of each entrant. Suggested data type hints: string. Flourish type hint: column

horserace_stages Values. Raw scores, which will be automatically converted to ranks. Column names will be used to populate the X axis of the chart. Suggested data type hints: number. Flourish type hint: columns

<code>horserace_category</code>	Color by. Select a column to color the lines by. If omitted, colors will be assigned per name. Suggested data type hints: string. Flourish type hint: column
<code>horserace_pic</code>	Image. Add an image URL or right-click on a cell to upload an image. Suggested data type hints: string. Flourish type hint: column
<code>horserace_filter</code>	Filter. Hide/show entrants based on the values in this column. Suggested data type hints: string, number, datetime. Flourish type hint: column
<code>captions_from</code>	Stage to show. Must match the column headers in the main datasheet. Suggested data type hints: string. Flourish type hint: column
<code>captions_to</code>	Stage to hide. Must match the column headers in the main datasheet. Suggested data type hints: string. Flourish type hint: column
<code>captions_text</code>	Text. Text or HTML to show. Suggested data type hints: string. Flourish type hint: column
<code>captions_image</code>	Image. Image to show. Suggested data type hints: string. Flourish type hint: column
<code>captions_image_input_format</code>	Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
<code>captions_image_output_format</code>	Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
<code>captions_to_input_format</code>	Formats/parses dates, strings, and numbers for the to column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
<code>captions_to_output_format</code>	Formats/parses dates, strings, and numbers for the to column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
<code>captions_from_input_format</code>	Formats/parses dates, strings, and numbers for the from column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

captions_from_output_format

Formats/parses dates, strings, and numbers for the from column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

captions_text_input_format

Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

captions_text_output_format

Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_category_input_format

Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_category_output_format

Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_filter_input_format

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be

useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_filter_output_format

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_pic_input_format

Formats/parses dates, strings, and numbers for the pic column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_pic_output_format

Formats/parses dates, strings, and numbers for the pic column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_name_input_format

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_name_output_format

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_stages_input_format

Formats/parses dates, strings, and numbers for the stages column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

horserace_stages_output_format

Formats/parses dates, strings, and numbers for the stages column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "horserace", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_horserace_data(gapminder)
)
```

bind_interactive_svg_data

Bind interactive svg data

Description

Bind interactive svg data

Usage

```
bind_interactive_svg_data(
  .,
  data = NULL,
  id = NULL,
  reveal_id = NULL,
  h3 = NULL,
  h4 = NULL,
  content = NULL,
  link = NULL,
  metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
id	ID. A column of IDs of elements in the uploaded SVG file. Flourish type hint: column
reveal_id	Reveal layer. A column to reveal when layer is clicked. Flourish type hint: column
h3	Heading 1. A column containing the main header. Flourish type hint: column
h4	Heading 2. A column containing a secondary header. Flourish type hint: column
content	Content. A column containing text or HTML to display. Flourish type hint: column
link	Link. A URL that can be opened when a layer is clicked. Any reveal layers or popups will be overridden. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "interactive_svg", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_interactive_svg_data(gapminder)
)
```

bind_line_bar_pie_data

Bind line, bar and pie charts data

Description

Bind line, bar and pie charts data

Usage

```
bind_line_bar_pie_data(
  .,
  data = NULL,
  label = NULL,
  value = NULL,
  facet = NULL,
```

```

    filter = NULL,
    metadata = NULL,
    facet_input_format = NULL,
    facet_output_format = NULL,
    metadata_input_format = NULL,
    metadata_output_format = NULL,
    label_input_format = NULL,
    label_output_format = NULL,
    filter_input_format = NULL,
    filter_output_format = NULL,
    value_input_format = NULL,
    value_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
label	Labels/time. A column of names, numbers or datetimes. Suggested data type hints: string, datetime, number. Flourish type hint: column
value	Values. One or more columns of numbers. The Preferred output format of the first column is used to format values. Suggested data type hints: number. Flourish type hint: columns
facet	Charts grid. If specified and Grid of charts view is on, creates a separate mini chart for each value found in the column. Suggested data type hints: string. Flourish type hint: column
filter	Row filter. Use this column to create a user-facing row control. To create a column filter, use the Series filter option in the settings panel instead. Suggested data type hints: string, datetime, number. Flourish type hint: column
metadata	Info for custom popups. One or more columns of information (text, image URLs , embedded charts etc) to include in custom popups and panels Suggested data type hints: string, datetime, number. Flourish type hint: columns
facet_input_format	Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
facet_output_format	Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_output_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`label_input_format`

Formats/parses dates, strings, and numbers for the label column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`label_output_format`

Formats/parses dates, strings, and numbers for the label column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>.. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

filter_input_format

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

filter_output_format

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

value_input_format

Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

value_output_format

Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "line", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
```

```

    bind_line_bar_pie_data(gapminder)
  )

```

bind_marimekko_data *Bind marimekko data*

Description

Bind marimekko data

Usage

```

bind_marimekko_data(
  .,
  data = NULL,
  name = NULL,
  unstacked_value = NULL,
  stacked_values = NULL,
  facet = NULL,
  category = NULL,
  filter = NULL,
  metadata = NULL,
  category_input_format = NULL,
  category_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  name_input_format = NULL,
  name_output_format = NULL,
  unstacked_value_input_format = NULL,
  unstacked_value_output_format = NULL,
  stacked_values_input_format = NULL,
  stacked_values_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
name	Name
unstacked_value	Unstacked value

stacked_values	Secondary metric. One or more numeric columns. Each column will form a segment of a stacked bar. Flourish type hint: columns
facet	Facet
category	Color category. Suggested data type hints: string. Flourish type hint: column
filter	Filter by. (Optional) Choose a categorical column to filter by. A dropdown will appear in the visualization. Suggested data type hints: string, number, datetime. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Suggested data type hints: number, string, datetime. Flourish type hint: columns
category_input_format	Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
category_output_format	Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
filter_input_format	Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
filter_output_format	Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish

to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

facet_input_format

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

facet_output_format

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_input_format

Formats/parses dates, strings, and numbers for the metadata column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_output_format

Formats/parses dates, strings, and numbers for the metadata column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

name_input_format

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

name_output_format

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

unstacked_value_input_format

Formats/parses dates, strings, and numbers for the unstacked_value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

unstacked_value_output_format

Formats/parses dates, strings, and numbers for the unstacked_value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

stacked_values_input_format

Formats/parses dates, strings, and numbers for the stacked_values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

stacked_values_output_format

Formats/parses dates, strings, and numbers for the stacked_values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "marimekko", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_marimekko_data(gapminder)
```

)

 bind_network_graph_data

Bind network graph data

Description

Bind network graph data

Usage

```
bind_network_graph_data(
  .,
  links_data = NULL,
  nodes_data = NULL,
  links_source = NULL,
  links_target = NULL,
  links_value = NULL,
  nodes_id = NULL,
  nodes_group = NULL,
  nodes_size = NULL,
  nodes_image = NULL,
  nodes_metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
links_data	Links data.
nodes_data	Nodes data.
links_source	Links source
links_target	Links target
links_value	Size by. A numerical value used to set the thickness of the links. Flourish type hint: column
nodes_id	ID. A unique identifier for each point in the network. If not specified, point information will be extracted from the links sheet. Flourish type hint: column
nodes_group	Color by. A group to which the point belongs. If set, can be used to color the points. Ignored if ID not set. Flourish type hint: column
nodes_size	Size by. A numerical value used to size the points. Ignored if ID not set. Flourish type hint: column
nodes_image	Image. An image to go into the circle. Flourish type hint: column
nodes_metadata	Info for popups. One or more columns of information (text, image URLs , embedded charts etc) to include in popups and panels Ignored if ID not set. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "network", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_network_graph_data(gapminder)
)
```

bind_parliament_chart_data

Bind parliament chart data

Description

Bind parliament chart data

Usage

```
bind_parliament_chart_data(., data = NULL, party = NULL, seats = NULL)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
party	Party
seats	Seats. This should point to the column with election data. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "parliament", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_parliament_chart_data(gapminder)
)
```

bind_pictogram_data *Bind pictogram data*

Description

Bind pictogram data

Usage

```
bind_pictogram_data(
  .,
  data = NULL,
  icons_data = NULL,
  main_category = NULL,
  sub_category = NULL,
  values = NULL,
  icon_id = NULL,
  color = NULL,
  metadata = NULL,
  icons_id = NULL,
  icons_path_string = NULL,
  icons_width = NULL,
  icons_height = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
icons_data	Icons data.
main_category	Main category. The (categorical) column that defines the categories along the main axis. Flourish type hint: column
sub_category	Subcategory. The (categorical) column that defines the categories within each bar. Flourish type hint: column
values	Values. (Optional) Choose the numeric columns to determine the size of each bar. If more than 1 is chosen, a dropdown will appear in the visualization, which lets the user choose. Flourish type hint: columns
icon_id	Icon ID. IDs for joining icons in the Icons datasheet. Must contain IDs that match Icon ID values in Icons Set to the same column as the Main category or Subcategory. Flourish type hint: column
color	Color. The (categorical) column which determines the icon color. Set to the same column as the Main category or Subcategory. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Flourish type hint: columns

icons_id	Icon ID. Unique ID for joining icon path strings. Must contain IDs that match the Icon ID values in DataFlourish type hint: column
icons_path_string	Icon. Icon path string (e.g. "M10,10 180,0 10,80 1-80,0 z") or the name of a built-in icon (e.g. "female"). Flourish type hint: column
icons_width	Icon width. Icon width (in pixels). Flourish type hint: column
icons_height	Icon height. Icon height (in pixels). Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "pictogram", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_pictogram_data(gapminder)
)
```

bind_quiz_data	<i>Bind quiz data</i>
----------------	-----------------------

Description

Bind quiz data

Usage

```
bind_quiz_data(
  .,
  questions_data = NULL,
  scores_data = NULL,
  results_data = NULL,
  questions_text = NULL,
  questions_explanation = NULL,
  questions_input_type = NULL,
  questions_answers = NULL,
  questions_suffix = NULL,
  questions_choices = NULL,
  scores_question = NULL,
  scores_range = NULL,
  scores_explanation = NULL,
  scores_media = NULL,
  results_range = NULL,
  results_text = NULL,
  results_media = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
questions_data	Questions data.
scores_data	Scores data.
results_data	Results data.
questions_text	Text. Question text. Flourish type hint: column
questions_explanation	Explanation. A short text explanation accompanying the question. Flourish type hint: column
questions_input_type	Input type. Type of answer input, choose between slider or multiple choice Flourish type hint: column
questions_answers	Answers. The correct answer to the question. The score will be decided by the difference between this answer and your input. Its possible to select multiple columns with answers; this will create a dropdown list above the quiz where you can select which answer to compare to. Flourish type hint: columns
questions_suffix	Slider input suffix. Add a suffix after the value, eg. "%" or "people" (only for slider input type). Flourish type hint: column
questions_choices	Multiple choice options. Options to show in multiple choice questions. Divide using "::" (eg. "Cat :: Dog :: Sheep :: Badger"). Flourish type hint: column
scores_question	Question. Question that the answer belongs to. Flourish type hint: column
scores_range	Answer. The answer to the question. This can be text for multiple choice questions. For slider answers, you can use numbers or number ranges, values could be "0-10" or "4" or "" <i>to select all answers. You can also add multiple rows with score ranges per question; the more specific scores will take priority (e.g. it will choose "4" over "0-10" over "").</i> Flourish type hint: column
scores_explanation	Text. Text to show after answering question. Flourish type hint: column
scores_media	Media. Picture to show after answering question. Flourish type hint: column
results_range	Points range. A range of points youre targeting. You can use numbers or number ranges, values could be "0-10" or "4" or "" <i>to select all answers. You can also add multiple rows with score ranges per question; the more specific scores will take priority (e.g. it will choose "4" over "0-10" over "").</i> Flourish type hint: column
results_text	Results text
results_media	Media. An image to show with the result. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "quiz", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_quiz_data(gapminder)
)
```

bind_radar_data	<i>Bind radar chart data</i>
-----------------	------------------------------

Description

Bind radar chart data

Usage

```
bind_radar_data(
  .,
  data = NULL,
  name = NULL,
  values = NULL,
  filter = NULL,
  color_category = NULL,
  facet = NULL,
  metadata = NULL,
  color_category_input_format = NULL,
  color_category_output_format = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  name_input_format = NULL,
  name_output_format = NULL,
  values_input_format = NULL,
  values_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.

name	Name. A text column containing a name for each radar. Suggested data type hints: string. Flourish type hint: column
values	Values. Select three or more numerical columns. Suggested data type hints: number. Flourish type hint: columns
filter	Filter. If set, creates a filter menu or time slider. Suggested data type hints: string, number, datetime. Flourish type hint: column
color_category	Color category. Add a category to color by. If empty, the name column will be used for colors. Suggested data type hints: string. Flourish type hint: column
facet	Grid of charts (facet). Create one column for each grouping you want to allow. Suggested data type hints: string. Flourish type hint: columns
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels. Suggested data type hints: string, datetime, number. Flourish type hint: columns
color_category_input_format	Formats/parses dates, strings, and numbers for the color_category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
color_category_output_format	Formats/parses dates, strings, and numbers for the color_category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
filter_input_format	Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
filter_output_format	Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/..

Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

facet_input_format

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

facet_output_format

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_input_format

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_output_format

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

name_input_format

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

name_output_format

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

values_input_format

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

values_output_format

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "radar", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_radar_data(gapminder)
)
```

bind_sankey_data

Bind sankey diagram data

Description

Bind sankey diagram data

Usage

```

bind_sankey_data(
  .,
  data = NULL,
  source = NULL,
  target = NULL,
  value = NULL,
  filter = NULL,
  facet = NULL,
  step_from = NULL,
  step_to = NULL,
  metadata = NULL,
  filter_input_format = NULL,
  filter_output_format = NULL,
  facet_input_format = NULL,
  facet_output_format = NULL,
  metadata_input_format = NULL,
  metadata_output_format = NULL,
  source_input_format = NULL,
  source_output_format = NULL,
  step_from_input_format = NULL,
  step_from_output_format = NULL,
  step_to_input_format = NULL,
  step_to_output_format = NULL,
  target_input_format = NULL,
  target_output_format = NULL,
  value_input_format = NULL,
  value_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
source	Source. Suggested data type hints: string. Flourish type hint: column
target	Target. Suggested data type hints: string. Flourish type hint: column
value	Value of link. A numerical value used to set the thickness of the links. Suggested data type hints: number. Flourish type hint: column
filter	Filter. Suggested data type hints: string, number, datetime. Flourish type hint: column
facet	Grid of charts. Suggested data type hints: string. Flourish type hint: column
step_from	Step from. An integer(whole number) used to indicate where a link starts from (used only in Alluvial mode). Suggested data type hints: number. Flourish type hint: column

step_to	Step to. An integer(whole number) used to indicate where a link goes to (used only in Alluvial mode). Suggested data type hints: number. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Suggested data type hints: number, datetime, string. Flourish type hint: columns
filter_input_format	Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
filter_output_format	Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
facet_input_format	Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
facet_output_format	Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
metadata_input_format	Formats/parses dates, strings, and numbers for the metadata column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point',

'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_output_format

Formats/parses dates, strings, and numbers for the metadata column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

source_input_format

Formats/parses dates, strings, and numbers for the source column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

source_output_format

Formats/parses dates, strings, and numbers for the source column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

step_from_input_format

Formats/parses dates, strings, and numbers for the step_from column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

step_from_output_format

Formats/parses dates, strings, and numbers for the step_from column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

step_to_input_format

Formats/parses dates, strings, and numbers for the step_to column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

step_to_output_format

Formats/parses dates, strings, and numbers for the step_to column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

target_input_format

Formats/parses dates, strings, and numbers for the target column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

target_output_format

Formats/parses dates, strings, and numbers for the target column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

value_input_format

Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

value_output_format

Formats/parses dates, strings, and numbers for the value column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "sankey", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_sankey_data(gapminder)  
)
```

bind_scatter_data	<i>Bind scatter data</i>
-------------------	--------------------------

Description

Bind scatter data

Usage

```
bind_scatter_data(  
  ``,  
  data = NULL,  
  x = NULL,  
  y = NULL,  
  name = NULL,  
  color = NULL,  
  size = NULL,  
  shape = NULL,  
  facet = NULL,  
  slider = NULL,  
  series = NULL,  
  filter = NULL,  
  metadata = NULL,  
  color_input_format = NULL,  
  color_output_format = NULL,  
  filter_input_format = NULL,  
  filter_output_format = NULL,  
  facet_input_format = NULL,  
  facet_output_format = NULL,  
  metadata_input_format = NULL,  
  metadata_output_format = NULL,  
  name_input_format = NULL,  
  name_output_format = NULL,  
  series_input_format = NULL,
```

```

series_output_format = NULL,
shape_input_format = NULL,
shape_output_format = NULL,
size_input_format = NULL,
size_output_format = NULL,
slider_input_format = NULL,
slider_output_format = NULL,
x_input_format = NULL,
x_output_format = NULL,
y_input_format = NULL,
y_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
x	X values. Suggested data type hints: number, string, datetime. Flourish type hint: column
y	Y values. Suggested data type hints: number, string, datetime. Flourish type hint: column
name	Name. Select multiple columns if required to make a unique name. Suggested data type hints: string. Flourish type hint: columns
color	Color. Colors the dots based on numbers or categories. Suggested data type hints: string, number. Flourish type hint: column
size	Size. Sizes the dots based on the numbers. Suggested data type hints: number, string. Flourish type hint: column
shape	Shape. Sets the shape of the dots based on numbers or categories. Suggested data type hints: string. Flourish type hint: column
facet	Grid of charts (facet). Creates a mini chart for each value in the selected column. Suggested data type hints: string. Flourish type hint: column
slider	Time. Creates a time slider and connects/animates dots with the same name. Suggested data type hints: datetime, string, number. Flourish type hint: column
series	Series (connect with line). Group dots into series based on the contents of a column. Suggested data type hints: string. Flourish type hint: column
filter	Filter control. Creates a control based on the contents of any column. Suggested data type hints: string, number, datetime. Flourish type hint: column
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns
color_input_format	Formats/parses dates, strings, and numbers for the color column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma',

'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

color_output_format

Formats/parses dates, strings, and numbers for the color column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

filter_input_format

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

filter_output_format

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

facet_input_format

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

facet_output_format

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_input_format

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_output_format

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

name_input_format

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

name_output_format

Formats/parses dates, strings, and numbers for the name column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

series_input_format

Formats/parses dates, strings, and numbers for the series column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

series_output_format

Formats/parses dates, strings, and numbers for the series column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

shape_input_format

Formats/parses dates, strings, and numbers for the shape column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

shape_output_format

Formats/parses dates, strings, and numbers for the shape column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

size_input_format

Formats/parses dates, strings, and numbers for the size column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

size_output_format

Formats/parses dates, strings, and numbers for the size column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

slider_input_format

Formats/parses dates, strings, and numbers for the slider column. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

slider_output_format

Formats/parses dates, strings, and numbers for the slider column. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

x_input_format Formats/parses dates, strings, and numbers for the x column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

x_output_format

Formats/parses dates, strings, and numbers for the x column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

y_input_format Formats/parses dates, strings, and numbers for the y column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to

format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

y_output_format

Formats/parses dates, strings, and numbers for the y column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If string: any arbitrary string. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "scatter", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_scatter_data(gapminder)
)
```

bind_slope_chart_data *Bind slope chart data*

Description

Bind slope chart data

Usage

```
bind_slope_chart_data(
  .,
  data = NULL,
  id = NULL,
  values = NULL,
  line_thickness = NULL,
  filter = NULL,
  color_category = NULL,
  facet = NULL,
  metadata = NULL,
  color_category_input_format = NULL,
  color_category_output_format = NULL,
```

```

filter_input_format = NULL,
filter_output_format = NULL,
facet_input_format = NULL,
facet_output_format = NULL,
metadata_input_format = NULL,
metadata_output_format = NULL,
line_thickness_input_format = NULL,
line_thickness_output_format = NULL,
id_input_format = NULL,
id_output_format = NULL,
values_input_format = NULL,
values_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
id	Name. The name of the data series (eg. voting district, data mode). Flourish type hint: column
values	Values. Values for that data series (eg. % of votes). Flourish type hint: column
line_thickness	Line thickness. Values for the thickness of line. Flourish type hint: column
filter	Filter. Suggested data type hints: string, number, datetime. Flourish type hint: column
color_category	Color category
facet	Facet
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in custom popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns
color_category_input_format	Formats/parses dates, strings, and numbers for the color_category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
color_category_output_format	Formats/parses dates, strings, and numbers for the color_category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_input_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`filter_output_format`

Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_input_format`

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`facet_output_format`

Formats/parses dates, strings, and numbers for the facet column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`metadata_input_format`

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish

to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_output_format

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/)
Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

line_thickness_input_format

Formats/parses dates, strings, and numbers for the line_thickness column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

line_thickness_output_format

Formats/parses dates, strings, and numbers for the line_thickness column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

id_input_format

Formats/parses dates, strings, and numbers for the id column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

id_output_format

Formats/parses dates, strings, and numbers for the id column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

values_input_format

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

values_output_format

Formats/parses dates, strings, and numbers for the values column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "slope", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_slope_chart_data(gapminder)
)
```

bind_sports_data	<i>Bind sports data</i>
------------------	-------------------------

Description

Bind sports data

Usage

```
bind_sports_data(
  .,
  positions_data = NULL,
  info = NULL,
  color = NULL,
  size = NULL,
  squad_number = NULL,
  position_x = NULL,
  position_y = NULL,
  filter = NULL,
  photo = NULL,
  metadata = NULL,
  color_input_format = NULL,
  color_output_format = NULL,
```

```

filter_input_format = NULL,
filter_output_format = NULL,
photo_input_format = NULL,
photo_output_format = NULL,
metadata_input_format = NULL,
metadata_output_format = NULL,
info_input_format = NULL,
info_output_format = NULL,
size_input_format = NULL,
size_output_format = NULL,
squad_number_input_format = NULL,
squad_number_output_format = NULL,
position_x_input_format = NULL,
position_x_output_format = NULL,
position_y_input_format = NULL,
position_y_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
positions_data	Positions data.
info	Name. A name to include on a label and/or popup. Suggested data type hints: string, number. Flourish type hint: columns
color	Color by. An optional category column to color the dots by. For example if you have two different teams. Suggested data type hints: string. Flourish type hint: column
size	Size by. An optional numeric column to size the dots. Suggested data type hints: number. Flourish type hint: column
squad_number	Squad numbers. An optional squad number to appear within the dot. Suggested data type hints: number, string. Flourish type hint: column
position_x	X position. Use this to column to set the X position of a dot on the pitch when creating shot charts. This column is ignored when the setting Position points by is set to FormationSuggested data type hints: number. Flourish type hint: column
position_y	Y position. Use this to column to set the Y position of a dot on the pitch when creating shot charts. This column is ignored when the setting Position points by is set to FormationSuggested data type hints: number. Flourish type hint: column
filter	Filter by. Setting a column here will add a control to the visualization to filter the dots. For example you could filter by team. Suggested data type hints: string, number. Flourish type hint: column
photo	Image. Add an image to appear in the circles. To add an image, right click on a cell and click upload file Its also possible to add a image URL. Suggested data type hints: string. Flourish type hint: column

metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns
color_input_format	Formats/parses dates, strings, and numbers for the color column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
color_output_format	Formats/parses dates, strings, and numbers for the color column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
filter_input_format	Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
filter_output_format	Formats/parses dates, strings, and numbers for the filter column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
photo_input_format	Formats/parses dates, strings, and numbers for the photo column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
photo_output_format	Formats/parses dates, strings, and numbers for the photo column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_input_format

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

metadata_output_format

Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

info_input_format

Formats/parses dates, strings, and numbers for the info column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

info_output_format

Formats/parses dates, strings, and numbers for the info column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

size_input_format

Formats/parses dates, strings, and numbers for the size column. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`size_output_format`

Formats/parses dates, strings, and numbers for the `size` column. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`squad_number_input_format`

Formats/parses dates, strings, and numbers for the `squad_number` column. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`squad_number_output_format`

Formats/parses dates, strings, and numbers for the `squad_number` column. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`position_x_input_format`

Formats/parses dates, strings, and numbers for the `position_x` column. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`position_x_output_format`

Formats/parses dates, strings, and numbers for the `position_x` column. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`position_y_input_format`

Formats/parses dates, strings, and numbers for the `position_y` column. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

position_y_output_format

Formats/parses dates, strings, and numbers for the `position_y` column. If number: `'comma_point'`, `'space_point'`, `'point_comma'`, `'space_comma'`, `'none_point'`, `'none_comma'`. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sports", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sports_data(gapminder)
)
```

`bind_sports_race_data` *Bind sports race data*

Description

Bind sports race data

Usage

```
bind_sports_race_data(
  .,
  data = NULL,
  name = NULL,
  times = NULL,
  start_image = NULL,
  race_image = NULL,
  finish_image = NULL,
  color_category = NULL
)
```

Arguments

<code>.</code>	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
<code>data</code>	Data.
<code>name</code>	Name. Name of competitor. Flourish type hint: column
<code>times</code>	Times. One or more columns of numbers, representing splits or laps, or a whole race. Flourish type hint: columns

start_image	Start image. The image to use at the start of the race. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
race_image	Racing image. The image to use while a participant is racing. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
finish_image	Finish image. The image to use when the participant has finished the race. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
color_category	Color category. Add a category to color participants by. If empty, the name column will be used for colors. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sports_race", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sports_race_data(gapminder)
)
```

bind_survey_data	<i>Bind survey data</i>
------------------	-------------------------

Description

Bind survey data

Usage

```
bind_survey_data(
  .,
  questions_data = NULL,
  order_data = NULL,
  labels_data = NULL,
  colors_data = NULL,
  places_data = NULL,
  answer_groups_data = NULL,
  questions_categorical = NULL,
  questions_continuous = NULL,
  questions_geo = NULL,
  questions_label = NULL,
  questions_column_filter = NULL,
  questions_id = NULL,
  questions_metadata = NULL,
  order_categories = NULL,
  labels_label = NULL,
```

```

labels_replacement = NULL,
colors_question = NULL,
colors_answer = NULL,
colors_color = NULL,
places_latitude = NULL,
places_longitude = NULL,
places_names = NULL,
answer_groups_group = NULL,
answer_groups_question = NULL,
answer_groups_display_as = NULL,
answer_groups_affirmative_answers = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
questions_data	Questions data. The main data sheet. Each row in this table will become a dot in the graphic..
order_data	Order data. Groups by default appear in size or alphabetical order. You can override these with the "Group order" sheet..
labels_data	Labels data. Allows you to change how any phrase in the main data sheet is displayed in the graphic. Useful for shortening long questions, translating, etc..
colors_data	Colors data. Use this extra table if you want to specify specific colors in the context of specific questions. E.g. to make a red to green scale from "strongly disagree" to "strongly agree"..
places_data	Places data. A table of places found in the geographic columns of the main data sheet, each with latitude and longitude to plot it on the map.
answer_groups_data	Answer groups data. Grouped questions, in the form "Which of the following apply?", are made by combining multiple yes/no columns in the main data sheet..
questions_categorical	Categorical columns. Each of these columns appears in the Group by, Shade by and Compare dropdowns. Flourish type hint: columns
questions_continuous	Continuous columns. Must contain numbers. Each of these columns appears in the Size by dropdown. Flourish type hint: columns
questions_geo	Geographic columns. Must contain place names matching those specified in the Places sheet. Set to blank to disable the map mode. Flourish type hint: columns
questions_label	Label. A column containing text (e.g. names or emoji) to write on the dots. Not recommended for datasets with more than a few hundred dots. Flourish type hint: column
questions_column_filter	Slider or menu. Add a time slider or menu to filter the data based on the contents of a single column. Flourish type hint: column

questions_id	Unique name/ID. Specify to allow animations between multiple occurrences of the same person or thing e.g. when using a time slider. Flourish type hint: column
questions_metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Flourish type hint: columns
order_categories	Order of answers. Use one column for each question or metric. Put the column header from the main data sheet at the top (e.g. "Do you agree?"), followed by the answers in the order you want (e.g. "disagree", "neutral", "agree"). Flourish type hint: columns
labels_label	Label. A column containing phrases from the main data sheet. Flourish type hint: column
labels_replacement	Replacement. A column containing the phrase to display. Flourish type hint: column
colors_question	Question. The column header (e.g. a survey question) exactly as it appears in the main data sheet. Flourish type hint: column
colors_answer	Answer. Use one column for each question or metric. Put the column header from the main datasheet at the top (e.g. "Do you agree?"), followed by the answers in the order you want (e.g. "disagree", "neutral", "agree"). Flourish type hint: column
colors_color	Color. A color name (e.g. orange, red) or code (e.g. #ff3300, #ff0000). Flourish type hint: column
places_latitude	Latitude. A column of latitude values. Flourish type hint: column
places_longitude	Longitude. A column of longitude values. Flourish type hint: column
places_names	Names. One or more columns of place names matching those in the main data sheet. Flourish type hint: columns
answer_groups_group	Group name. This column will contain the name of the grouped question Flourish type hint: column
answer_groups_question	Question. A question that matches exactly one of the questions in the datasheet. Flourish type hint: column
answer_groups_display_as	Display answer as. This will be the new text for the question. Flourish type hint: column
answer_groups_affirmative_answers	Answers to include. The respondent is included in the group if their answer to the question is one of the answers listed in these columns. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "survey", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_survey_data(gapminder)
)
```

```
bind_svg_annotator_data
```

```
Bind svg annotator data
```

Description

Bind svg annotator data

Usage

```
bind_svg_annotator_data(
  .,
  data = NULL,
  id = NULL,
  reveal_id = NULL,
  h1 = NULL,
  h2 = NULL,
  content = NULL,
  link = NULL,
  metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
id	ID. A column of IDs of elements in the uploaded SVG file. Flourish type hint: column
reveal_id	Reveal layer. A column to reveal when layer is clicked. Flourish type hint: column
h1	Heading 1. A column containing the main header. Flourish type hint: column
h2	Heading 2. A column containing a secondary header. Flourish type hint: column
content	Content. A column containing text or HTML to display. Flourish type hint: column
link	Link. A URL that can be opened when a layer is clicked. Any reveal layers or popups will be overridden. Flourish type hint: column
metadata	Info for popups. One or more columns to display in popups and panels. Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "svg_annotator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_svg_annotator_data(gapminder)
)
```

bind_table_data	<i>Bind table data</i>
-----------------	------------------------

Description

Bind table data

Usage

```
bind_table_data(
  .,
  rows_data = NULL,
  columns = NULL,
  columns_input_format = NULL,
  columns_output_format = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
rows_data	Rows data.
columns	Table values. The cell contents can be styled with html or markdown To style with markdown first make sure the Cell text styling setting in the Table section of the editor is on To add an image, right click on a cell and click Upload file-Suggested data type hints: string, number, datetime. Flourish type hint: columns
columns_input_format	Formats/parses dates, strings, and numbers for the columns column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

columns_output_format

Formats/parses dates, strings, and numbers for the columns column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "table", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_table_data(gapminder)
)
```

bind_text_annotator_data

Bind text annotator data

Description

Bind text annotator data

Usage

```
bind_text_annotator_data(., data = NULL, text = NULL, note = NULL)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
text	Text. The piece of text you want to highlight. Note that text is case and space sensitive. Flourish type hint: column
note	Annotation. The annotation content. Flourish type hint: column

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "text_annotator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_text_annotator_data(gapminder)  
)
```

bind_timeline_data	<i>Bind timeline data</i>
--------------------	---------------------------

Description

Bind timeline data

Usage

```
bind_timeline_data(  
  ``,  
  data = NULL,  
  time_start = NULL,  
  time_end = NULL,  
  category = NULL,  
  title = NULL,  
  subtitle = NULL,  
  text = NULL,  
  image = NULL,  
  background = NULL,  
  background_input_format = NULL,  
  background_output_format = NULL,  
  category_input_format = NULL,  
  category_output_format = NULL,  
  time_end_input_format = NULL,  
  time_end_output_format = NULL,  
  image_input_format = NULL,  
  image_output_format = NULL,  
  time_start_input_format = NULL,  
  time_start_output_format = NULL,  
  subtitle_input_format = NULL,  
  subtitle_output_format = NULL,  
  text_input_format = NULL,  
  text_output_format = NULL,  
  title_input_format = NULL,  
  title_output_format = NULL  
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
data	Data.
time_start	Time start
time_end	End time. Sets the duration of the event in time scale mode. Flourish type hint: column
category	Category
title	Title. Title of the content. Suggested data type hints: string, number, datetime. Flourish type hint: column
subtitle	Subtitle. Subtitle of the content. Suggested data type hints: string, number, datetime. Flourish type hint: column
text	Text. Text to display inside the data point. Flourish type hint: column
image	Image. Main image for the event. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
background	Background image. Background image for the event. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
background_input_format	Formats/parses dates, strings, and numbers for the background column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
background_output_format	Formats/parses dates, strings, and numbers for the background column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
category_input_format	Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
category_output_format	Formats/parses dates, strings, and numbers for the category column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`time_end_input_format`

Formats/parses dates, strings, and numbers for the `time_end` column. If date-time: A date-time format such as `"%Y-%m-%dT%H:%M:%S.%LZ"`, `"%d/%m/%Y"`, `"%d %b"`, `"%-I%p"`, `"Q%q %Y"`, `"%Y Q%q"`, and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`time_end_output_format`

Formats/parses dates, strings, and numbers for the `time_end` column. If date-time: A date-time format such as `"%Y-%m-%dT%H:%M:%S.%LZ"`, `"%d/%m/%Y"`, `"%d %b"`, `"%-I%p"`, `"Q%q %Y"`, `"%Y Q%q"`, and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_input_format`

Formats/parses dates, strings, and numbers for the `image` column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`image_output_format`

Formats/parses dates, strings, and numbers for the `image` column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`time_start_input_format`

Formats/parses dates, strings, and numbers for the `time_start` column. If date-time: A date-time format such as `"%Y-%m-%dT%H:%M:%S.%LZ"`, `"%d/%m/%Y"`, `"%d %b"`, `"%-I%p"`, `"Q%q %Y"`, `"%Y Q%q"`, and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

`time_start_output_format`

Formats/parses dates, strings, and numbers for the `time_start` column. If date-time: A date-time format such as `"%Y-%m-%dT%H:%M:%S.%LZ"`, `"%d/%m/%Y"`, `"%d %b"`, `"%-I%p"`, `"Q%q %Y"`, `"%Y Q%q"`, and so on. All available formats

noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

subtitle_input_format

Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

subtitle_output_format

Formats/parses dates, strings, and numbers for the subtitle column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: <https://developers.flourish.studio/api/create-visualisation/>.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

text_input_format

Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

text_output_format

Formats/parses dates, strings, and numbers for the text column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

title_input_format

Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma',

'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

title_output_format

Formats/parses dates, strings, and numbers for the title column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: [https://developers.flourish.studio/api/create-visualisation/..](https://developers.flourish.studio/api/create-visualisation/) Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "timeline", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_timeline_data(gapminder)
)
```

bind_tournament_data *Bind tournament data*

Description

Bind tournament data

Usage

```
bind_tournament_data(
  .,
  matches_data = NULL,
  round = NULL,
  team_a = NULL,
  team_b = NULL,
```

```

winner = NULL,
score_a = NULL,
score_b = NULL,
metadata = NULL,
id = NULL,
image = NULL,
metadata_input_format = NULL,
metadata_output_format = NULL,
team_a_input_format = NULL,
team_a_output_format = NULL,
score_a_input_format = NULL,
score_a_output_format = NULL,
team_b_input_format = NULL,
team_b_output_format = NULL,
score_b_input_format = NULL,
score_b_output_format = NULL,
round_input_format = NULL,
round_output_format = NULL,
winner_input_format = NULL,
winner_output_format = NULL,
id_input_format = NULL,
id_output_format = NULL,
image_input_format = NULL,
image_output_format = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
matches_data	Matches data. teams.
round	Stage. The stage of the tournament, for example "Round of 16" or "Semifinals". Flourish type hint: column
team_a	Participant A. The first participant or team in this match. Flourish type hint: column
team_b	Participant B. The second participant or team in this match. Flourish type hint: column
winner	Winner. The winning participant or team in this match. Must match the name of either Participant A or Participant B. If left blank, the template will assume that the match is upcoming. Flourish type hint: column
score_a	Participant A score. The score of Participant A in this match. Will appear along with the participants name in the box. Suggested data type hints: string, number. Flourish type hint: column
score_b	Participant B score. The score of Participant B in this match. Will appear along with the participants name in the box. Suggested data type hints: string, number. Flourish type hint: column

metadata	Info for popups. One or more columns of information (text, image URLs , embedded charts etc) to include in popups and panels Suggested data type hints: string, number, datetime. Flourish type hint: columns
id	ID. Participant ID. Should match a participants name from the Matches sheet. Flourish type hint: column
image	Image. Image to render in the participant box. Add an image URL or right-click on a cell to upload an image. Flourish type hint: column
metadata_input_format	Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
metadata_output_format	Formats/parses dates, strings, and numbers for the metadata column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. If date-time: A date-time format such as "%Y-%m-%dT%H:%M:%S.%LZ", "%d/%m/%Y", "%d %b", "%-I%p", "Q%q %Y", "%Y Q%q", and so on. All available formats noted in Flourish documentation: https://developers.flourish.studio/api/create-visualisation/.. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
team_a_input_format	Formats/parses dates, strings, and numbers for the team_a column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
team_a_output_format	Formats/parses dates, strings, and numbers for the team_a column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).
score_a_input_format	Formats/parses dates, strings, and numbers for the score_a column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma',

'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

score_a_output_format

Formats/parses dates, strings, and numbers for the score_a column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

team_b_input_format

Formats/parses dates, strings, and numbers for the team_b column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

team_b_output_format

Formats/parses dates, strings, and numbers for the team_b column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

score_b_input_format

Formats/parses dates, strings, and numbers for the score_b column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

score_b_output_format

Formats/parses dates, strings, and numbers for the score_b column. If string: any arbitrary string. If number: 'comma_point', 'space_point', 'point_comma', 'space_comma', 'none_point', 'none_comma'. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

round_input_format

Formats/parses dates, strings, and numbers for the round column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers

or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

round_output_format

Formats/parses dates, strings, and numbers for the round column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

winner_input_format

Formats/parses dates, strings, and numbers for the winner column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

winner_output_format

Formats/parses dates, strings, and numbers for the winner column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

id_input_format

Formats/parses dates, strings, and numbers for the id column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

id_output_format

Formats/parses dates, strings, and numbers for the id column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

image_input_format

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

image_output_format

Formats/parses dates, strings, and numbers for the image column. If string: any arbitrary string. Note: column metadata is optional, and the API will interpret

your data for you if you do not specify it. A typical example of when specifying metadata can be useful is when column(s) in your data contain numbers or dates that you wish to format visually (e.g. to display a column containing MM/DD/YYYY dates in DD/MM/YYYY format).

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "tournament", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_tournament_data(gapminder)
)
```

bind_word_cloud_data *Bind word cloud data*

Description

Bind word cloud data

Usage

```
bind_word_cloud_data(
  .,
  words_data = NULL,
  word = NULL,
  value = NULL,
  category = NULL,
  metadata = NULL
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
words_data	Words data.
word	Word
value	Value
category	Category
metadata	Info for popups. One or more columns of information (text, image URLs, embedded charts etc) to include in popups and panels Flourish type hint: columns

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "word_cloud", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_word_cloud_data(gapminder)
)
```

flourish

Plot a Flourish graph.

Description

Create a graph using Flourish's API (<https://developers.flourish.studio/api/introduction/>).

Usage

```
flourish(
  chart_type = NULL,
  chart_description = NULL,
  base_visualisation_id = NULL,
  template_id = NULL,
  template_version_number = NULL,
  api_key = Sys.getenv("FLOURISH_API_KEY")
)
```

Arguments

chart_type	Required - a chart type string for each graph in Flourish's library. Preferred usage compared to template_id and template_version.
chart_description	Optional - a screen-reader description. A text alternative to the visual content that will only be visible to screen-readers, e.g. "The line chart shows China consistently higher than the other countries since 1990". Do not replicate your title, since that will also be read by screenreaders.
base_visualisation_id	Optional - provide the numerical ID of an existing public (published) Flourish visualisation to reference its configuration
template_id	Optional - the Flourish template ID, found at https://app.flourish.studio/@flourish . Use if you cannot use chart_type.
template_version_number	Optional - the template's version number. Also found at https://app.flourish.studio/@flourish . Use if you cannot use chart_type.
api_key	Required - our API key which can be generated within your profile account. Defaults to Sys.getenv("FLOURISH_API_KEY").

Value

A Flourish chart

Examples

```
try(  
  flourish(  
    chart_type = "scatter", api_key = Sys.getenv("FLOURISH_API_KEY")  
  ) |>  
  bind_scatter_data(  
    data = subset(gapminder, year == 2007),  
    y = "gdpPercap", x = "lifeExp"  
  )  
)
```

flourish_api_documentation

Flourish template API documentation

Description

A data set containing template metadata about Flourish graphs

Usage

```
flourish_api_documentation
```

Format

A data frame with 57 rows and 3 columns:

template_name Template name. Found in API documentation: <https://app.flourish.studio/@flourish>.

chart_type Chart type. One template may have multiple chart types.

url URL for template API documentation.

Value

A data frame

Source

<https://flourish.studio/index.html>

Examples

```
flourish_api_documentation
```

`gapminder`*Gapminder data*

Description

A data set containing Gapminder data used for vignettes

Usage

```
gapminder
```

Format

A data frame with 1704 rows and 6 columns:

country Country name.

continent Continent name.

year Year data was collected.

lifeExp Life expectancy.

pop Population size.

gdpPercap GDP per capita.

Value

A data frame

Source

<https://www.gapminder.org/>

Examples

```
gapminder
```

set_audio_details *Set audio chart details*

Description

Set audio chart details

Usage

```
set_audio_details(
    .,
    audio_player_button_color = NULL,
    audio_player_button_icon_color = NULL,
    audio_player_button_size = NULL,
    audio_player_button_roundness = NULL,
    audio_player_progress_color = NULL,
    audio_player_progress_bg_color = NULL,
    audio_player_progress_height = NULL,
    audio_player_progress_width = NULL,
    audio_player_width = NULL,
    audio_player_margin_top_bottom = NULL,
    audio_player_show_text_styling = NULL,
    audio_player_title_size = NULL,
    audio_player_title_color = NULL,
    audio_player_title_weight = NULL,
    audio_player_subtitle_size = NULL,
    audio_player_subtitle_color = NULL,
    audio_player_subtitle_weight = NULL,
    audio_player_time_size = NULL,
    audio_player_time_color = NULL,
    audio_player_time_weight = NULL,
    audio_player_link_color = NULL,
    chart_filter_controls_control_type = NULL,
    chart_filter_controls_control_styles = NULL,
    chart_filter_controls_control_title = NULL,
    chart_filter_controls_button_group = NULL,
    chart_filter_controls_button_group_width_mode = NULL,
    chart_filter_controls_button_group_width_fixed = NULL,
    chart_filter_controls_dropdown_width_mode = NULL,
    chart_filter_controls_dropdown_width_fixed = NULL,
    chart_filter_controls_slider_width = NULL,
    chart_filter_controls_slider_max_label_width = NULL,
    chart_filter_controls_slider_step_time = NULL,
    chart_filter_controls_slider_loop = NULL,
    chart_filter_controls_slider_restart_pause = NULL,
    chart_filter_controls_sort = NULL,
    chart_controls_style_font_size = NULL,
```

```
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,
```

```
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,
```



```
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,  
chart_layout_footer_align_vertical = NULL,  
chart_layout_footer_border = NULL,  
chart_layout_footer_border_width = NULL,  
chart_layout_footer_border_color = NULL,  
chart_layout_footer_border_style = NULL,  
chart_layout_footer_border_space = NULL,  
chart_layout_screenreader_text_primary = NULL,  
chart_layout_screenreader_label = NULL,
```

```

    chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

audio_player_button_color
Background. Flourish type hint: color, defaults to NULL

audio_player_button_icon_color
Icons. Flourish type hint: color, defaults to NULL

audio_player_button_size
Size. In rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

audio_player_button_roundness
Roundness. Flourish type hint: number, defaults to NULL

audio_player_progress_color
Color. Flourish type hint: color, defaults to NULL

audio_player_progress_bg_color
Background. Flourish type hint: color, defaults to NULL

audio_player_progress_height
Height. In rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

audio_player_progress_width
Width (%). Flourish type hint: number, defaults to NULL

audio_player_width
Width. In rems, a multiple of base font size. Leave blank to fill the available space. Flourish type hint: number, defaults to NULL

audio_player_margin_top_bottom
Space. Spacing above and below the player. In rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

audio_player_show_text_styling
Show text styles. Flourish type hint: boolean, defaults to NULL

audio_player_title_size
Size. Flourish type hint: number, defaults to NULL

audio_player_title_color
Color. Flourish type hint: color, defaults to NULL

audio_player_title_weight
Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

audio_player_subtitle_size
Size. Flourish type hint: number, defaults to NULL

audio_player_subtitle_color
Color. Flourish type hint: color, defaults to NULL

audio_player_subtitle_weight
Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

audio_player_time_size	Size. Flourish type hint: number, defaults to NULL
audio_player_time_color	Color. Flourish type hint: color, defaults to NULL
audio_player_time_weight	Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
audio_player_link_color	Color. Where links are present (added by wrapping text in <a> tags in the datasheet) this setting changes their text color. Flourish type hint: color, defaults to NULL
chart_filter_controls_control_type	Control type. Choices: dropdown, buttons. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL
chart_filter_controls_control_styles	Adv. Flourish type hint: boolean, defaults to NULL
chart_filter_controls_control_title	Control title. Flourish type hint: string, defaults to NULL
chart_filter_controls_button_group	Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_filter_controls_button_group_width_mode	Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL
chart_filter_controls_button_group_width_fixed	Width. Flourish type hint: number, defaults to NULL
chart_filter_controls_dropdown_width_mode	Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL
chart_filter_controls_dropdown_width_fixed	Width. Flourish type hint: number, defaults to NULL
chart_filter_controls_slider_width	Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL
chart_filter_controls_slider_max_label_width	Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL
chart_filter_controls_slider_step_time	Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL
chart_filter_controls_slider_loop	Loop. Flourish type hint: boolean, defaults to NULL
chart_filter_controls_slider_restart_pause	Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
 Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
 Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
 Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
 Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
 Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
 Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
 Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
 Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
 Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
 Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
 Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
 Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
 Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
 Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
 Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
 Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
 Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
 Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
 Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
 Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_subtitle_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_text`
Flourish type hint: html, defaults to NULL

`chart_layout_header_text_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_header_text_size`
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_header_text_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_header_text_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_header_text_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_border`
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_header_border_width`
Width. Flourish type hint: number, defaults to NULL

`chart_layout_header_border_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_header_border_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_header_border_space`
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_enabled`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
 Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
 Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "audio", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_audio_data(gapminder) |>
  set_audio_details()
)
```

set_bar_chart_race_details

Set bar chart race chart details

Description

Set bar chart race chart details

Usage

```
set_bar_chart_race_details(  
  .,  
  column_chart = NULL,  
  number_ofBars = NULL,  
  bar_margin = NULL,  
  sort_enabled = NULL,  
  sort_ascending = NULL,  
  bars_advanced = NULL,  
  height_mode = NULL,  
  bar_height = NULL,  
  bar_min_value = NULL,  
  bar_empty_spaces = NULL,  
  color_mode = NULL,  
  color_single = NULL,  
  chart_color_scale_categorical_palette = NULL,  
  chart_color_scale_categorical_extend = NULL,  
  chart_color_scale_categorical_custom_palette = NULL,  
  chart_color_scale_numeric_type = NULL,  
  chart_color_scale_binning = NULL,  
  chart_color_scale_bin_mode = NULL,  
  chart_color_scale_bin_count = NULL,  
  chart_color_scale_bin_thresholds = NULL,  
  chart_color_scale_sequential_palette = NULL,  
  chart_color_scale_sequential_reverse = NULL,  
  chart_color_scale_sequential_custom_min = NULL,  
  chart_color_scale_sequential_custom_max = NULL,  
  chart_color_scale_sequential_color_space = NULL,  
  chart_color_scale_sequential_custom_domain = NULL,  
  chart_color_scale_sequential_domain_min = NULL,  
  chart_color_scale_sequential_domain_max = NULL,  
  chart_color_scale_diverging_palette = NULL,  
  chart_color_scale_diverging_reverse = NULL,  
  chart_color_scale_diverging_custom_min = NULL,  
  chart_color_scale_diverging_custom_mid = NULL,  
  chart_color_scale_diverging_custom_max = NULL,  
  chart_color_scale_diverging_color_space = NULL,  
  chart_color_scale_diverging_custom_domain = NULL,  
  chart_color_scale_diverging_domain_min = NULL,  
  chart_color_scale_diverging_domain_mid = NULL,  
  chart_color_scale_diverging_domain_max = NULL,  
  color_single_overrides = NULL,  
  bar_opacity = NULL,  
  label_max_size = NULL,  
  label_mode = NULL,  
  label_color_in = NULL,  
  label_axis_width = NULL,  
  show_value = NULL,  
)
```

```
label_color_out = NULL,  
padding_right = NULL,  
image_height = NULL,  
image_width = NULL,  
image_margin_right = NULL,  
image_scale = NULL,  
image_circle = NULL,  
counter = NULL,  
counter_font_size = NULL,  
counter_color = NULL,  
counter_line_height = NULL,  
totaliser = NULL,  
totaliser_font_size = NULL,  
totaliser_color = NULL,  
totaliser_label = NULL,  
caption_background_color = NULL,  
caption_border_color = NULL,  
caption_opacity = NULL,  
caption_padding = NULL,  
caption_text_align = NULL,  
caption_position = NULL,  
caption_font_size = NULL,  
caption_text_color = NULL,  
caption_mode = NULL,  
caption_image_width = NULL,  
caption_image_position = NULL,  
caption_space_between = NULL,  
sort_control = NULL,  
sort_descending_text = NULL,  
sort_ascending_text = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,
```

```
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
text_legend = NULL,  
text_legend_title = NULL,  
text_legend_subtitle = NULL,  
text_legend_caption = NULL,  
text_legend_bold = NULL,  
axis_text_color = NULL,  
axis_font_size = NULL,  
axis_color = NULL,  
axis_gridline_dash = NULL,  
scale_type = NULL,  
scale_min = NULL,  
scale_max = NULL,  
annotations_enabled = NULL,  
annotations_content = NULL,  
annotations_text_color = NULL,  
annotations_text_size = NULL,  
annotations_text_weight = NULL,  
annotations_line_color = NULL,  
annotations_line_opacity = NULL,  
annotations_line_width = NULL,  
annotations_line_dash = NULL,  
annotations_align = NULL,  
annotations_offset = NULL,  
chart_timeline_controls_enabled = NULL,  
chart_timeline_controls_style = NULL,  
chart_timeline_controls_graph = NULL,  
chart_timeline_controls_play_on_load = NULL,  
chart_timeline_controls_loop = NULL,  
chart_timeline_controls_duration = NULL,  
chart_timeline_controls_duration_tween = NULL,  
chart_timeline_controls_duration_wait_at_end = NULL,  
chart_timeline_controls_axes_custom_enabled = NULL,
```

```
chart_timeline_controls_color_axes = NULL,  
chart_timeline_controls_axis_font_size = NULL,  
chart_timeline_controls_date_format_display = NULL,  
chart_timeline_controls_axis_nice_x = NULL,  
chart_timeline_controls_axis_nice_y = NULL,  
chart_timeline_controls_scrubber_snap = NULL,  
chart_timeline_controls_scrubber_snap_paused = NULL,  
chart_timeline_controls_layout_settings = NULL,  
chart_timeline_controls_margin_top = NULL,  
chart_timeline_controls_margin_left = NULL,  
chart_timeline_controls_margin_bottom = NULL,  
chart_timeline_controls_margin_right = NULL,  
chart_timeline_controls_playback_button_margin_right = NULL,  
chart_timeline_controls_scrubber_height = NULL,  
chart_timeline_controls_playback_button_margin_right_button = NULL,  
chart_timeline_controls_graph_settings = NULL,  
chart_timeline_controls_color_background = NULL,  
chart_timeline_controls_graph_height = NULL,  
chart_timeline_controls_curve = NULL,  
chart_timeline_controls_playback_styling = NULL,  
chart_timeline_controls_playback_button_button_color = NULL,  
chart_timeline_controls_playback_button_button_size = NULL,  
chart_timeline_controls_playback_button_icon_color = NULL,  
chart_timeline_controls_playback_button_icon_size = NULL,  
chart_timeline_controls_playback_button_label_size = NULL,  
animation_duration = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
blank_cells = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,
```

```
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,
```



```
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,
```

```

chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
column_chart	Chart style. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
number_of_bars	No. bars. Flourish type hint: number, defaults to NULL
bar_margin	Spacing (Percentage). Spacing as a percentage of bar width. For example at "50" the bar height will equal bar spacing. Flourish type hint: number, defaults to NULL
sort_enabled	Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
sort_ascending	Sort mode. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
bars_advanced	Show advanced. Flourish type hint: boolean, defaults to NULL
height_mode	Bar height. Choices: fill_space, specified. Flourish type hint: string, defaults to NULL
bar_height	Height. Height of the bar; expressed as a multiple of the base font size to make it responsive. Flourish type hint: number, defaults to NULL
bar_min_value	Hide bars below value. This will hide all bars that have a value below the number specified in this setting. Flourish type hint: number, defaults to NULL
bar_empty_spaces	When not enough bars. Choices: TRUE, FALSE. If enabled, the chart and bars will remain the same size as more bars enter the race. Flourish type hint: boolean, defaults to NULL
color_mode	Color mode. Choices: category, bar, single. Whether to color by category (if you have a category column set in the datasheet), by each individual bar, or give every bar the same color. Flourish type hint: string, defaults to NULL

color_single Single color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Color overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
 Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
 Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
 Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
 Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
 Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
 Max. Flourish type hint: number, defaults to NULL

color_single_overrides
 Color overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

bar_opacity
 Bar opacity. Flourish type hint: number, defaults to NULL

label_max_size
 Max size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

label_mode
 Labels mode. Choices: bars, axis. Flourish type hint: string, defaults to NULL

label_color_in
 Color. Flourish type hint: color, defaults to NULL

label_axis_width
 Space. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

show_value
 Show values. Flourish type hint: boolean, defaults to NULL

label_color_out
 Color. Flourish type hint: color, defaults to NULL

padding_right
 Space. Flourish type hint: number, defaults to NULL

image_height
 Height. As a percentage of bar height. Flourish type hint: number, defaults to NULL

image_width	Width. As a percentage of bar height. Flourish type hint: number, defaults to NULL
image_margin_right	Margin right. As a percentage of bar height. Use a negative value to get images to show to the right of the barFlourish type hint: number, defaults to NULL
image_scale	Image sizing. Choices: fill, fit, stretch. Flourish type hint: string, defaults to NULL
image_circle	Shape. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
counter	Show current time. Flourish type hint: boolean, defaults to NULL
counter_font_size	Size (percentage of screen). Flourish type hint: number, defaults to NULL
counter_color	Color. Flourish type hint: color, defaults to NULL
counter_line_height	Line height. Flourish type hint: number, defaults to NULL
totaliser	Show total. Shows the sum of all the values in the datasheet for the current time, including any bars not currently visible in the chart. Flourish type hint: boolean, defaults to NULL
totaliser_font_size	Size (percentage of screen). Flourish type hint: number, defaults to NULL
totaliser_color	Color. Flourish type hint: color, defaults to NULL
totaliser_label	Label. Flourish type hint: string, defaults to NULL
caption_background_color	Background. Flourish type hint: color, defaults to NULL
caption_border_color	Border. Flourish type hint: color, defaults to NULL
caption_opacity	Opacity. Flourish type hint: number, defaults to NULL
caption_padding	Padding. In rems multiples of the base font size. Flourish type hint: number, defaults to NULL
caption_text_align	Align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL
caption_position	Position. Choices: top-left, center-left, bottom-left, top-right, center-right, bottom-right, top-center, center-center, bottom-center. Flourish type hint: string, defaults to NULL
caption_font_size	Font size. In rems multiples of the base font size. Flourish type hint: number, defaults to NULL
caption_text_color	Text. Flourish type hint: color, defaults to NULL

`caption_mode` Content mode. Choices: `text_legend`, `html`. In Text with colors mode, any phrases matching category names will be automatically colored. In HTML mode, no colors will be applied, but you can include any HTML in the datasheet to add images, etc. Flourish type hint: string, defaults to NULL

`caption_image_width` Width. As a percentage of the caption container width. Flourish type hint: number, defaults to NULL

`caption_image_position` Position. Choices: `column`, `column-reverse`, `row`, `row-reverse`. Flourish type hint: string, defaults to NULL

`caption_space_between` Space between. Space between the image and text in rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`sort_control` Show sort control. Flourish type hint: boolean, defaults to NULL

`sort_descending_text` “Highest” label. Flourish type hint: string, defaults to NULL

`sort_ascending_text` “Lowest” label. Flourish type hint: string, defaults to NULL

`chart_controls_style_font_size` Text size. Flourish type hint: number, defaults to NULL

`chart_controls_style_font_weight` Text weight. Choices: `bold`, `normal`. Flourish type hint: string, defaults to NULL

`chart_controls_style_height` Height. Flourish type hint: number, defaults to NULL

`chart_button_control_style_background` Background. Flourish type hint: color, defaults to NULL

`chart_button_control_style_background_selected` Selected. Flourish type hint: color, defaults to NULL

`chart_button_control_style_background_hover` Mouse over. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color` Text color. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color_selected` Selected. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color_hover` Mouse over. Flourish type hint: color, defaults to NULL

`chart_button_control_style_button_styles_advanced` Button border styles. Flourish type hint: boolean, defaults to NULL

`chart_button_control_style_border_width` Border width. Flourish type hint: number, defaults to NULL

`chart_button_control_style_border_color` Color. Flourish type hint: color, defaults to NULL

`chart_button_control_style_border_transparency` Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

text_legend
Choices: auto, custom, off. Flourish type hint: string, defaults to NULL

text_legend_title
Title. Flourish type hint: boolean, defaults to NULL

text_legend_subtitle
Subtitle. Flourish type hint: boolean, defaults to NULL

text_legend_caption
Captions. Flourish type hint: boolean, defaults to NULL

text_legend_bold
Bold. If checked, always use bold for colored items. Flourish type hint: boolean, defaults to NULL

axis_text_color
Text color. Flourish type hint: color, defaults to NULL

axis_font_size
Text size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

axis_color
Line color. Flourish type hint: color, defaults to NULL

axis_gridline_dash
Line dash. Flourish type hint: number, defaults to NULL

scale_type
Type. Choices: auto, auto_fixed, manual. The dynamic scale type sets a dynamix X axis that will animate with the chart. The fixed or custom scale type sets a fixed maximum value on the X axis. Flourish type hint: string, defaults to NULL

scale_min
Min range. The axis will go from zero to this value, then be dynamic. Flourish type hint: number, defaults to NULL

scale_max
Max. Flourish type hint: number, defaults to NULL

annotations_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

annotations_content
Annotations. One line per annotation. Syntax Annotation text :: Value on X axis Example Winner :: 250 Majority :: 200. Flourish type hint: text, defaults to NULL

annotations_text_color
Text color. Flourish type hint: color, defaults to NULL

annotations_text_size
Size. Flourish type hint: number, defaults to NULL

annotations_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

annotations_line_color
Line color. Flourish type hint: color, defaults to NULL

annotations_line_opacity
Opacity. Flourish type hint: number, defaults to NULL

annotations_line_width
 Width. Flourish type hint: number, defaults to NULL

annotations_line_dash
 Dash. Flourish type hint: number, defaults to NULL

annotations_align
 Align. Choices: start, middle, end. Flourish type hint: string, defaults to NULL

annotations_offset
 Offset. Choices: above, on, below. Offset text mode. Flourish type hint: string, defaults to NULL

chart_timeline_controls_enabled
 Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_style
 Style. Choices: timeline, button. Flourish type hint: string, defaults to NULL

chart_timeline_controls_graph
 Show chart. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_play_on_load
 Play on load. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_loop
 Loop timeline. When turned on, the timeline will return to the beginning once complete. Otherwise, it will stop when it reaches the end. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_duration
 Timeline duration. Total duration of the timeline during normal playback in seconds. Flourish type hint: number, defaults to NULL

chart_timeline_controls_duration_tween
 Time jump duration. Duration of transitions between different points in time on the timeline. This is the transition you see in the story player when switching between slides with a different time on the timeline (in seconds). Flourish type hint: number, defaults to NULL

chart_timeline_controls_duration_wait_at_end
 Pause before loop. Flourish type hint: number, defaults to NULL

chart_timeline_controls_axes_custom_enabled
 Axis settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_color_axes
 Axes color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_axis_font_size
 Font size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_date_format_display
 X axis date format. Choices: %, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %b %Y, %b %y, %B %d, %d %b, %Y, %B, %b, %A, %a, %H:%M:%S, %I:%M %p, %H:%M. Flourish type hint: string, defaults to NULL

chart_timeline_controls_axis_nice_x
 Clean X axis. Rounds out the X axis so that its start and end values are nice, round dates. Flourish type hint: boolean, defaults to NULL

`chart_timeline_controls_axis_nice_y`
Clean Y axis. Rounds out the Y axis so that its start and end values are nice, round numbers. Flourish type hint: boolean, defaults to NULL

`chart_timeline_controls_scrubber_snap`
Snap when scrubbing. When turned on, you can only jump to values that are supplied in the dataset and nothing in between. Flourish type hint: boolean, defaults to NULL

`chart_timeline_controls_scrubber_snap_paused`
Snap when paused. Activate to snap the timeline to the closest interval when non animating. This is useful for ensuring the data visible in the visualization always reflects the data you have supplied. Flourish type hint: boolean, defaults to NULL

`chart_timeline_controls_layout_settings`
Layout settings. Flourish type hint: boolean, defaults to NULL

`chart_timeline_controls_margin_top`
Top. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_margin_left`
Left. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_margin_bottom`
Bottom. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_margin_right`
Right. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_playback_button_margin_right`
Space between button and timeline. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_scrubber_height`
Scrubber height. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_playback_button_margin_right_button`
Space between button and text. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_graph_settings`
Chart settings. Flourish type hint: boolean, defaults to NULL

`chart_timeline_controls_color_background`
Background. Flourish type hint: color, defaults to NULL

`chart_timeline_controls_graph_height`
Height. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_curve`
Curved lines. Flourish type hint: boolean, defaults to NULL

`chart_timeline_controls_playback_styling`
Play button settings. Flourish type hint: boolean, defaults to NULL

`chart_timeline_controls_playback_button_button_color`
Button color. Flourish type hint: color, defaults to NULL

`chart_timeline_controls_playback_button_button_size`
Button size. Flourish type hint: number, defaults to NULL

`chart_timeline_controls_playback_button_icon_color`
Icon color. Flourish type hint: color, defaults to NULL

`chart_timeline_controls_playback_button_icon_size`
Icon size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_label_size	Label size. Flourish type hint: number, defaults to NULL
animation_duration	Bar swap duration. Animation duration of the bars swapping, in seconds. Flourish type hint: number, defaults to NULL
chart_number_date_format_prefix	Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL
chart_number_date_format_suffix	Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL
chart_number_date_format_n_dec	Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL
chart_number_date_format_advanced	Advanced. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_negative_sign	Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL
chart_number_date_format_strip_zeros	Remove trailing zeros. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_strip_separator	Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_transform_labels	Multiply/divide values. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_transform	Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL
chart_number_date_format_multiply_divide_constant	Flourish type hint: number, defaults to NULL
chart_number_date_format_exponentiate_constant	Flourish type hint: number, defaults to NULL
blank_cells	How to handle blank/invalid cells. Choices: interpolate, last_valid, zero, remove. Interpolate fills the gaps between the last and next valid values. Use last valid will use the last number for the bar. Treat as zero will set the value of the blank cell to zero. Remove bar will remove the bar for any blank/invalid cells. Flourish type hint: string, defaults to NULL
chart_layout_body_font	Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL
chart_layout_font_color	Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

`chart_layout_header_align`
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

`chart_layout_title`
Flourish type hint: html, defaults to NULL

`chart_layout_title_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_title_font`
Title Font. Flourish type hint: font, defaults to NULL

`chart_layout_title_size`
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`chart_layout_title_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_title_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_title_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_title_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_title_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_title_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle`
Flourish type hint: html, defaults to NULL

`chart_layout_subtitle_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_subtitle_font`
Subtitle Font. Flourish type hint: font, defaults to NULL

`chart_layout_subtitle_size`
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_subtitle_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_align`
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_position_inside`
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_position_outside`
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_margin_top`
Top. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_right`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_bottom`
Bottom. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_left`
Left. Flourish type hint: number, defaults to NULL

`chart_layout_footer_align`
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

`chart_layout_footer_text_size`
Size. Flourish type hint: number, defaults to NULL

`chart_layout_footer_text_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_styling`
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_font`
Font. Flourish type hint: font, defaults to NULL

`chart_layout_footer_text_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_source_name`
Source name. Flourish type hint: string, defaults to NULL

`chart_layout_source_url`
Source url. Flourish type hint: string, defaults to NULL

`chart_layout_multiple_sources`
Multiple sources. Flourish type hint: boolean, defaults to NULL

`chart_layout_source_name_2`
Source name. Flourish type hint: string, defaults to NULL

`chart_layout_source_url_2`
Source url. Flourish type hint: string, defaults to NULL

`chart_layout_source_name_3`
Source name. Flourish type hint: string, defaults to NULL

`chart_layout_source_url_3`
Source url. Flourish type hint: string, defaults to NULL

`chart_layout_source_label`
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
 Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: `html`, defaults to `NULL`

chart_layout_footer_note_secondary
 Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: `html`, defaults to `NULL`

chart_layout_advanced_note_styling
 Advanced. Flourish type hint: `boolean`, defaults to `NULL`

chart_layout_footer_timestamp_format
 Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: `string`, defaults to `NULL`

chart_layout_footer_logo_enabled
 Image. Choices: `TRUE`, `FALSE`. Flourish type hint: `boolean`, defaults to `NULL`

chart_layout_footer_logo_src
 Image. Flourish type hint: `url`, defaults to `NULL`

chart_layout_footer_logo_src_light
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: `hidden`, defaults to `NULL`

chart_layout_footer_logo_alt
 Alt text. Flourish type hint: `string`, defaults to `NULL`

chart_layout_footer_logo_link_url
 Link. Flourish type hint: `string`, defaults to `NULL`

chart_layout_footer_logo_height
 Height. Flourish type hint: `number`, defaults to `NULL`

chart_layout_footer_logo_margin
 Margin. Flourish type hint: `number`, defaults to `NULL`

chart_layout_footer_logo_order
 Position. Choices: `left`, `right`. Flourish type hint: `string`, defaults to `NULL`

chart_layout_footer_align_vertical
 V. align. Choices: `flex-start`, `center`, `flex-end`. Flourish type hint: `string`, defaults to `NULL`

chart_layout_footer_border
 Choices: `top`, `bottom`, `top_and_bottom`, `none`. Flourish type hint: `string`, defaults to `NULL`

chart_layout_footer_border_width
 Width. Flourish type hint: `number`, defaults to `NULL`

chart_layout_footer_border_color
 Color. Flourish type hint: `color`, defaults to `NULL`

chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "bar_race", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_bar_chart_race_data(gapminder) |>
  set_bar_chart_race_details()
)
```

```
set_bubble_chart_details
```

Set bubble chart chart details

Description

Set bubble chart chart details

Usage

```
set_bubble_chart_details(
  ·,
  bubble_alignment = NULL,
  margin_bubbles = NULL,
  animation_duration = NULL,
```

```
height_mode = NULL,  
aspect_ratio = NULL,  
aspect_ratio_mobile = NULL,  
aspect_ratio_breakpoint = NULL,  
circle_background_color = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
circle_background_border = NULL,  
image_opacity = NULL,  
label_font_weight = NULL,  
label_font_style = NULL,  
label_font_case = NULL,  
label_font_color = NULL,  
label_shadow = NULL,  
enable_highlighting = NULL,  
selected_bubbles = NULL,  
opacity_highlighted = NULL,  
opacity_not_highlighted = NULL,  
highlight_pictures = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,
```

```
chart_legend_container_text_size = NULL,  
show_legend_axis = NULL,  
axis_legend_title_mode = NULL,  
axis_legend_title = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_size_legend_show_legend = NULL,  
chart_size_legend_title_mode = NULL,  
chart_size_legend_title = NULL,  
chart_size_legend_shape_fill = NULL,  
chart_size_legend_shape_stroke = NULL,  
chart_size_legend_clip_height = NULL,  
chart_size_legend_small_symbol_size = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,
```

```
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,
```

```
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,
```

```
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,
```

```

chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

bubble_alignment Alignment of bubbles. Choices: center, axis. Flourish type hint: string, defaults to NULL

margin_bubbles Space between bubbles. Flourish type hint: number, defaults to NULL

animation_duration Animation duration. in seconds. Flourish type hint: number, defaults to NULL

height_mode Height mode. Choices: fill_space, aspect. Fill space: the graphic will fill the container (which by default will be the the standard Flourish responsive chart size) Aspect ratio: sets the aspect of the chart. This setting is ignored when embedded in a fixed-height context, such as a simple iframe embed
Flourish type hint: string, defaults to NULL

aspect_ratio Aspect (desktop). Height of the plot as a proportion of its width, between 0 and 1. Flourish type hint: number, defaults to NULL

aspect_ratio_mobile Aspect (mobile). Height of the plot as a proportion of its width, between 0 and 1. Flourish type hint: number, defaults to NULL

aspect_ratio_breakpoint Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL

circle_background_color Color. Default color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette Palette. Flourish type hint: colors, defaults to NULL

`chart_color_scale_categorical_extend`
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

`chart_color_scale_binning`
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to NULL

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_sequential_domain_max`
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
 Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
 Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
 Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
 Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
 Max. Flourish type hint: number, defaults to NULL

circle_background_border
 Border. Flourish type hint: number, defaults to NULL

image_opacity
 Opacity. Flourish type hint: number, defaults to NULL

label_font_weight
 Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

label_font_style
 Style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

label_font_case
 Case. Choices: , uppercase. Flourish type hint: string, defaults to NULL

label_font_color
 Color. Defaults to contrast coloring when no image is set. Flourish type hint: color, defaults to NULL

label_shadow
 Text shadow. Flourish type hint: boolean, defaults to NULL

enable_highlighting
 Enable highlighting. Flourish type hint: boolean, defaults to NULL

selected_bubbles
 Highlight bubbles. To highlight bubbles, write the name of each bubble on a new line. You can also create a story and highlight/unhighlight by clicking. Flourish type hint: text, defaults to NULL

opacity_highlighted
 Opacity of highlighted bubble. Flourish type hint: number, defaults to NULL

opacity_not_highlighted
 Opacity of all other bubbles. Flourish type hint: number, defaults to NULL

highlight_pictures
Show pictures only on highlighted bubbles. Flourish type hint: boolean, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

show_legend_axis
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

axis_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

axis_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
 Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
 Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
 Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
 Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
 Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_size_legend_show_legend
 Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_size_legend_title_mode
 Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_size_legend_title
 Title. Flourish type hint: string, defaults to NULL

chart_size_legend_shape_fill
 Shape fill. Flourish type hint: color, defaults to NULL

chart_size_legend_shape_stroke
 Shape stroke. Hint: set to same value as fill for no stroke. Flourish type hint: color, defaults to NULL

chart_size_legend_clip_height
 Max height. Maximum height of shape (relative to root font size). Flourish type hint: number, defaults to NULL

chart_size_legend_small_symbol_size
 Small/large proportion. Proportion of the smallest symbols value compared to the biggest symbols value. 0.5 means its half the value of the big symbol. Flourish type hint: number, defaults to NULL

chart_popup_mode
 Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
 Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
 Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
 Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

- `chart_popup_popup_custom_main`
 Popup custom main content. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: `html`, defaults to `NULL`
- `chart_popup_popup_custom_accessible`
 Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an `aria-label` attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}, GDP: {{GDP}}`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: `text`, defaults to `NULL`
- `chart_popup_popup_width`
 Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_font_size`
 Text size. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_text_color`
 Text color. Flourish type hint: `color`, defaults to `NULL`
- `chart_popup_popup_align`
 Align. Choices: `start`, `center`, `end`. Flourish type hint: `string`, defaults to `NULL`
- `chart_popup_popup_background`
 Fill color. Flourish type hint: `color`, defaults to `NULL`
- `chart_popup_popup_background_opacity`
 Fill opacity. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_padding`
 Padding. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_radius`
 Radius. Corner radius of popup. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_header_type`
 Header style. Choices: `block`, `inline`. Flourish type hint: `string`, defaults to `NULL`
- `chart_popup_popup_header_background`
 Background. Flourish type hint: `color`, defaults to `NULL`
- `chart_popup_popup_header_text_color`
 Text. Flourish type hint: `color`, defaults to `NULL`
- `chart_popup_popup_list_type`
 List type. Choices: `table`, `ul`. Flourish type hint: `string`, defaults to `NULL`
- `chart_popup_popup_list_label_weight`
 Label weight. Choices: `normal`, `bold`. Flourish type hint: `string`, defaults to `NULL`
- `chart_popup_popup_list_separator`
 List separator. Choices: `:`, `,`, `
`. Flourish type hint: `string`, defaults to `NULL`

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_number_localization_input_decimal_separator
Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
Number format to display. Choices: ,, ,, ., , , , ., ., . How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_header_text_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_border`
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_header_border_width`
Width. Flourish type hint: number, defaults to NULL

`chart_layout_header_border_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_header_border_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_header_border_space`
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_enabled`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_header_logo_src`
Image. Flourish type hint: url, defaults to NULL

`chart_layout_header_logo_alt`
Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_link_url`
Link. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_height`
Height. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_align`
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_position_inside`
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_position_outside`
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_margin_top`
Top. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_right`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_bottom`
Bottom. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_left`
Left. Flourish type hint: number, defaults to NULL

`chart_layout_footer_align`
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "bubble", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_bubble_chart_data(gapminder) |>  
  set_bubble_chart_details()  
)
```

set_calculator_details

Set calculator chart details

Description

Set calculator chart details

Usage

```
set_calculator_details(  
  ``,  
  question_flow = NULL,  
  design_border_type = NULL,  
  design_border_color = NULL,  
  design_background = NULL,  
  design_advanced = NULL,  
  design_align_horizontal = NULL,  
  design_align_vertical = NULL,  
  design_max_width = NULL,  
  design_margin_vertical = NULL,  
  design_padding_vertical = NULL,  
  design_padding_horizontal = NULL,  
  design_border_width = NULL,  
  design_border_style = NULL,  
  design_border_radius = NULL,  
  design_shadow = NULL,  
  design_shadow_color = NULL,  
  result_variables = NULL,  
  result_input = NULL,  
  result_advanced = NULL,  
  result_font_size = NULL,  
  result_font_size_custom = NULL,  
  result_font_color = NULL,  
  result_font_weight = NULL,  
  result_font_style = NULL,
```

```
result_border_type = NULL,
result_border_width = NULL,
result_border_style = NULL,
result_border_color = NULL,
result_bg_type = NULL,
result_bg_color = NULL,
result_bg_image_src = NULL,
result_bg_image_size = NULL,
design_question_font_size = NULL,
design_question_font_size_custom = NULL,
design_question_font_color = NULL,
design_question_font_weight = NULL,
design_question_font_style = NULL,
design_question_margin_vertical = NULL,
design_question_margin_horizontal = NULL,
design_question_padding = NULL,
design_context_font_size = NULL,
design_context_font_size_custom = NULL,
design_context_font_color = NULL,
design_context_font_weight = NULL,
design_context_font_style = NULL,
design_context_margin_vertical = NULL,
design_context_margin_horizontal = NULL,
design_question_bg_color = NULL,
design_question_bg_opacity = NULL,
design_question_border_radius = NULL,
design_answer_margin_vertical = NULL,
design_answer_margin_horizontal = NULL,
input_color = NULL,
input_background_color = NULL,
input_width = NULL,
number_input_placeholder = NULL,
text_input_placeholder = NULL,
input_input_advanced = NULL,
input_border_color = NULL,
input_border_radius = NULL,
input_border_width = NULL,
input_border_style = NULL,
input_align = NULL,
input_margin = NULL,
input_padding = NULL,
button_font_size = NULL,
button_font_size_custom = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
```



```
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
button_border_style = NULL,  
button_container_width = NULL,  
button_justify_content = NULL,  
button_margin = NULL,  
button_padding_factor = NULL,  
dropdown_font_size = NULL,  
dropdown_font_size_custom = NULL,  
dropdown_placeholder = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
dropdown_padding_factor = NULL,  
dropdown_border_style = NULL,  
dropdown_font_weight = NULL,  
dropdown_font_style = NULL,  
dropdown_shadow = NULL,  
dropdown_shadow_color = NULL,  
date_format = NULL,  
date_input_placeholder = NULL,  
date_advanced = NULL,  
date_width = NULL,  
date_margin = NULL,  
date_padding = NULL,  
date_border_width = NULL,  
date_border_style = NULL,  
date_border_color = NULL,  
date_border_radius = NULL,  
date_align = NULL,  
date_calendar_position_vertical = NULL,  
date_calendar_position_horizontal = NULL,  
rating_icon_type = NULL,  
rating_icon_fill_base = NULL,  
rating_icon_stroke_base = NULL,  
rating_icon_fill_active = NULL,  
rating_icon_stroke_active = NULL,  
rating_advanced = NULL,  
rating_icon_width = NULL,
```

```
rating_icon_height = NULL,  
rating_icon_margin = NULL,  
rating_icon_stroke_width = NULL,  
rating_container_width = NULL,  
rating_wrap_margin_vertical = NULL,  
rating_wrap_margin_horizontal = NULL,  
rating_wrap_padding_vertical = NULL,  
rating_wrap_padding_horizontal = NULL,  
rating_label_width = NULL,  
rating_label_color = NULL,  
rating_label_position = NULL,  
chart_slider_filter_controls_handle_color = NULL,  
chart_slider_filter_controls_track_active_color = NULL,  
chart_slider_filter_controls_track_base_color = NULL,  
chart_slider_filter_controls_handle_size = NULL,  
chart_slider_filter_controls_ticks = NULL,  
chart_slider_filter_controls_advanced = NULL,  
chart_slider_filter_controls_container_width = NULL,  
chart_slider_filter_controls_wrap_margin_vertical = NULL,  
chart_slider_filter_controls_wrap_margin_horizontal = NULL,  
chart_slider_filter_controls_track_height = NULL,  
chart_slider_filter_controls_track_border_radius = NULL,  
chart_slider_filter_controls_track_border_color = NULL,  
chart_slider_filter_controls_track_border_width = NULL,  
chart_slider_filter_controls_handle_shape = NULL,  
chart_slider_filter_controls_handle_width = NULL,  
chart_slider_filter_controls_handle_border_color = NULL,  
chart_slider_filter_controls_handle_border_width = NULL,  
chart_slider_filter_controls_handle_border_radius = NULL,  
chart_slider_filter_controls_handle_box_shadow = NULL,  
chart_slider_filter_controls_tooltips = NULL,  
chart_slider_filter_controls_tooltip_background = NULL,  
chart_slider_filter_controls_tick_color = NULL,  
chart_slider_filter_controls_tick_padding = NULL,  
chart_slider_filter_controls_tick_number_padding = NULL,  
submit_comment_text = NULL,  
submit_button_text = NULL,  
submit_bg_type = NULL,  
submit_bg_color = NULL,  
submit_bg_image_src = NULL,  
submit_border = NULL,  
submit_bg_image_size = NULL,  
submit_advanced = NULL,  
submit_comment_font_size = NULL,  
submit_comment_font_size_custom = NULL,  
submit_comment_font_weight = NULL,  
submit_comment_font_style = NULL,  
submit_flex_direction = NULL,
```

```
submit_comment_font_color = NULL,  
submit_comment_margin = NULL,  
submit_button_font_size = NULL,  
submit_button_font_size_custom = NULL,  
submit_button_font_weight = NULL,  
submit_button_font_style = NULL,  
submit_button_margin = NULL,  
submit_button_padding_factor = NULL,  
submit_button_box_shadow = NULL,  
submit_button_use_default_styles = NULL,  
submit_button_bg_color = NULL,  
submit_button_bg_color_hover = NULL,  
submit_button_font_color = NULL,  
submit_button_font_color_hover = NULL,  
submit_button_border_style = NULL,  
submit_button_border_color = NULL,  
submit_button_border_width = NULL,  
submit_button_border_transparency = NULL,  
submit_button_border_radius = NULL,  
design_controls_position = NULL,  
design_controls_button_symbol_back = NULL,  
design_controls_button_symbol_forward = NULL,  
design_controls_button_font_color = NULL,  
design_controls_button_font_size = NULL,  
design_controls_advanced = NULL,  
design_controls_button_margin = NULL,  
design_controls_button_padding_factor = NULL,  
design_controls_button_bg_color = NULL,  
design_controls_button_bg_opacity = NULL,  
design_controls_button_font_weight = NULL,  
design_controls_button_font_style = NULL,  
design_controls_button_border_width = NULL,  
design_controls_button_border_style = NULL,  
design_controls_button_border_color = NULL,  
design_controls_button_border_radius = NULL,  
design_progress_show = NULL,  
design_progress_position = NULL,  
design_progress_height = NULL,  
design_progress_margin = NULL,  
design_progress_bg_color = NULL,  
design_progress_bg_opacity = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,
```

```
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
external_write_enabled = NULL,  
external_write_endpoint = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,
```

```
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,
```

```

chart_layout_header_logo_margin_left = NULL,
chart_layout_footer_align = NULL,
chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

question_flow Question flow. Choices: vertical, horizontal. Flourish type hint: string, defaults to NULL

design_border_type Border. Choices: border-bottom, border. Flourish type hint: string, defaults to NULL

design_border_color Border color. Flourish type hint: color, defaults to NULL

design_background	Background. The background color of the cards. If not set, the background color in Layout is used. Flourish type hint: color, defaults to NULL
design_advanced	Advanced. Flourish type hint: boolean, defaults to NULL
design_align_horizontal	Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL
design_align_vertical	Position. Choices: start, center, flex-end. Set the vertical text position if the window height is fixed and the text doesnt stretch across the full vertical card space. Flourish type hint: string, defaults to NULL
design_max_width	Max width (%). Flourish type hint: number, defaults to NULL
design_margin_vertical	Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_padding_vertical	Vertical padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_padding_horizontal	Horizontal padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_border_width	Border width. Flourish type hint: number, defaults to NULL
design_border_style	Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
design_border_radius	Roundness. Flourish type hint: number, defaults to NULL
design_shadow	Shadow. Flourish type hint: boolean, defaults to NULL
design_shadow_color	Shadow color. Shadow color as an RGBA value (red, green, blue, alpha). The alpha parameter is a number between 0.0 (fully transparent) and 1.0 (fully opaque). Flourish type hint: string, defaults to NULL
result_variables	Variables. Define variables to use in the Result field below. Set one variable per line in the format name = value Values can be: Numbers Text (single quotes for spaces) Question references like q_2 with the number representing the row number of each question in the Questions datasheet Previously defined variables (if wrapped into square brackets) which will resolve to the answered value Excel functions, e.g., a = SUM(q_2, q_3) Flourish type hint: text, defaults to NULL
result_input	Result. Here you can compose your result view You have access to all variables you created above as well as all "q_" variables by referencing them in double curly braces like for example: {{ my_variable }} or {{ q_6 }} Flourish type hint: html, defaults to NULL

result_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

result_font_size
Text size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

result_font_size_custom
Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

result_font_color
Color. Flourish type hint: color, defaults to NULL

result_font_weight
Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

result_font_style
Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

result_border_type
Border. Choices: border-bottom, border. Flourish type hint: string, defaults to NULL

result_border_width
Border width. Flourish type hint: number, defaults to NULL

result_border_style
Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

result_border_color
Border color. Flourish type hint: color, defaults to NULL

result_bg_type
Background. Choices: color, image. Flourish type hint: string, defaults to NULL

result_bg_color
Background color. Flourish type hint: color, defaults to NULL

result_bg_image_src
Image URL. Flourish type hint: url, defaults to NULL

result_bg_image_size
Image size. Choices: auto, cover, contain. Flourish type hint: string, defaults to NULL

design_question_font_size
Text size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

design_question_font_size_custom
Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

design_question_font_color
Color. The text color used for your questions. If not set, the text color in Layout is used. Flourish type hint: color, defaults to NULL

design_question_font_weight
Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

design_question_font_style
Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

design_question_margin_vertical	Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_question_margin_horizontal	Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_question_padding	Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_context_font_size	Text size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL
design_context_font_size_custom	Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL
design_context_font_color	Color. The text color used for your question context. If not set, the text color in Layout is used. Flourish type hint: color, defaults to NULL
design_context_font_weight	Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
design_context_font_style	Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL
design_context_margin_vertical	Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_context_margin_horizontal	Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_question_bg_color	Background color. The background color for your questions and context. To change the background color of the whole question card, go to the General design settings. Flourish type hint: color, defaults to NULL
design_question_bg_opacity	Background opacity. The opacity of the question background color. Flourish type hint: number, defaults to NULL
design_question_border_radius	Roundness. The roundness of the question background container. Flourish type hint: number, defaults to NULL
design_answer_margin_vertical	Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
design_answer_margin_horizontal	Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
input_color	Color. Flourish type hint: color, defaults to NULL

input_background_color	Background color. Flourish type hint: color, defaults to NULL
input_width	Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
number_input_placeholder	Number input placeholder. Flourish type hint: string, defaults to NULL
text_input_placeholder	Text input placeholder. Flourish type hint: string, defaults to NULL
input_input_advanced	Advanced. Flourish type hint: boolean, defaults to NULL
input_border_color	Border color. Flourish type hint: color, defaults to NULL
input_border_radius	Roundness. Flourish type hint: number, defaults to NULL
input_border_width	Border width. Flourish type hint: number, defaults to NULL
input_border_style	Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
input_align	Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL
input_margin	Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
input_padding	Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
button_font_size	Text size. Choices: 1, 1.2, 1.6, custom. Flourish type hint: string, defaults to NULL
button_font_size_custom	Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL
chart_button_control_style_background	Background. Flourish type hint: color, defaults to NULL
chart_button_control_style_background_selected	Selected. Flourish type hint: color, defaults to NULL
chart_button_control_style_background_hover	Mouse over. Flourish type hint: color, defaults to NULL
chart_button_control_style_font_color	Text color. Flourish type hint: color, defaults to NULL
chart_button_control_style_font_color_selected	Selected. Flourish type hint: color, defaults to NULL
chart_button_control_style_font_color_hover	Mouse over. Flourish type hint: color, defaults to NULL
chart_button_control_style_button_styles_advanced	Advanced. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

button_border_style
Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

button_container_width
Button group width (%). The width of the button group as a percentage of the card width. Flourish type hint: number, defaults to NULL

button_justify_content
Align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

button_margin
Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

button_padding_factor
Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

dropdown_font_size
Text size. Choices: 1, 1.2, 1.6, custom. Flourish type hint: string, defaults to NULL

dropdown_font_size_custom
Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

dropdown_placeholder
Placeholder. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius	Radius. Flourish type hint: number, defaults to NULL
dropdown_padding_factor	Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
dropdown_border_style	Border look. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
dropdown_font_weight	Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
dropdown_font_style	Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL
dropdown_shadow	Shadow. Flourish type hint: boolean, defaults to NULL
dropdown_shadow_color	Shadow color. Flourish type hint: string, defaults to NULL
date_format	Format. Choices: y-m-d, d/m/_y, d/m/y, j/n/_y, j/n/y, d-m-_y, d-m-y, j-n-_y, j-n-y, d.m._y, d.m.y, j.n._y, j.n.y, m/d/_y, m/d/y, n/j/_y, n/j/y, m-d-_y, m-d-y, n-j-_y, n-j-y, m j, _y, f j, _y. Flourish type hint: string, defaults to NULL
date_input_placeholder	Placeholder. Flourish type hint: string, defaults to NULL
date_advanced	Advanced. Flourish type hint: boolean, defaults to NULL
date_width	Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
date_margin	Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
date_padding	Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
date_border_width	Border width. Flourish type hint: number, defaults to NULL
date_border_style	Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
date_border_color	Border color. Flourish type hint: color, defaults to NULL
date_border_radius	Roundness. Flourish type hint: number, defaults to NULL
date_align	Text alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL
date_calendar_position_vertical	Calendar vertical position. Choices: auto, above, below. Flourish type hint: string, defaults to NULL
date_calendar_position_horizontal	Calendar horizontal position. Choices: left, center, right. Flourish type hint: string, defaults to NULL

rating_icon_type
Choices: star, circle, check. Flourish type hint: string, defaults to NULL

rating_icon_fill_base
Base fill color. Flourish type hint: color, defaults to NULL

rating_icon_stroke_base
Base stroke color. Flourish type hint: color, defaults to NULL

rating_icon_fill_active
Active fill color. Flourish type hint: color, defaults to NULL

rating_icon_stroke_active
Active stroke color. Flourish type hint: color, defaults to NULL

rating_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

rating_icon_width
Width. Flourish type hint: number, defaults to NULL

rating_icon_height
Height. Flourish type hint: number, defaults to NULL

rating_icon_margin
Vertical margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

rating_icon_stroke_width
Stroke width (px). Flourish type hint: number, defaults to NULL

rating_container_width
Rating group width (%). The width of the rating group as a percentage of the card width. Flourish type hint: number, defaults to NULL

rating_wrap_margin_vertical
Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

rating_wrap_margin_horizontal
Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

rating_wrap_padding_vertical
Vertical padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

rating_wrap_padding_horizontal
Horizontal padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

rating_label_width
Width. Flourish type hint: number, defaults to NULL

rating_label_color
Color. Flourish type hint: color, defaults to NULL

rating_label_position
Position. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_slider_filter_controls_handle_color
Handle color. Flourish type hint: color, defaults to NULL

`chart_slider_filter_controls_track_active_color`
Track active color. Flourish type hint: color, defaults to NULL

`chart_slider_filter_controls_track_base_color`
Track background color. Flourish type hint: color, defaults to NULL

`chart_slider_filter_controls_handle_size`
Handle size. percentage of track height. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_ticks`
Range ticks. Display the minimum and the maximum of the range at the left and right. Flourish type hint: boolean, defaults to NULL

`chart_slider_filter_controls_advanced`
Advanced. Flourish type hint: boolean, defaults to NULL

`chart_slider_filter_controls_container_width`
Track width (%). The width of the track as a percentage of the card width. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_wrap_margin_vertical`
Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_wrap_margin_horizontal`
Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_track_height`
Height. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_track_border_radius`
Roundness. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_track_border_color`
Border color. Flourish type hint: color, defaults to NULL

`chart_slider_filter_controls_track_border_width`
Border width. The width of the border around the card, in rems Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_handle_shape`
Shape. Choices: rectangle, circle. Flourish type hint: string, defaults to NULL

`chart_slider_filter_controls_handle_width`
Width. % of Size (the handle height). Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_handle_border_color`
Stroke color. Flourish type hint: color, defaults to NULL

`chart_slider_filter_controls_handle_border_width`
Stroke width. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_handle_border_radius`
Roundness. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_handle_box_shadow`
Box shadow. Flourish type hint: boolean, defaults to NULL

`chart_slider_filter_controls_tooltips`
Tooltip. Flourish type hint: boolean, defaults to NULL

chart_slider_filter_controls_tooltip_background
Tooltip background. Flourish type hint: boolean, defaults to NULL

chart_slider_filter_controls_tick_color
Tick color. Flourish type hint: color, defaults to NULL

chart_slider_filter_controls_tick_padding
Tick padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

chart_slider_filter_controls_tick_number_padding
Number padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_comment_text
Submit label. Flourish type hint: text, defaults to NULL

submit_button_text
Submit button text. Flourish type hint: string, defaults to NULL

submit_bg_type Background. Choices: color, image. Flourish type hint: string, defaults to NULL

submit_bg_color
Color. Flourish type hint: color, defaults to NULL

submit_bg_image_src
Image URL. Flourish type hint: url, defaults to NULL

submit_border Border. Flourish type hint: boolean, defaults to NULL

submit_bg_image_size
Image size. Choices: auto, cover, contain. Flourish type hint: string, defaults to NULL

submit_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

submit_comment_font_size
Label size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

submit_comment_font_size_custom
Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

submit_comment_font_weight
Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

submit_comment_font_style
Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

submit_flex_direction
Label position. Choices: column, column-reverse. Flourish type hint: string, defaults to NULL

submit_comment_font_color
Label color. Flourish type hint: color, defaults to NULL

submit_comment_margin
Vertical margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_button_font_size
Button text size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`submit_button_font_size_custom`
Custom. Specify a custom responsive text size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`submit_button_font_weight`
Button text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

`submit_button_font_style`
Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

`submit_button_margin`
Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`submit_button_padding_factor`
Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`submit_button_box_shadow`
Hover shadow. Flourish type hint: boolean, defaults to NULL

`submit_button_use_default_styles`
Use answer button styles. Flourish type hint: boolean, defaults to NULL

`submit_button_bg_color`
Background. Flourish type hint: color, defaults to NULL

`submit_button_bg_color_hover`
Mouse over. Flourish type hint: color, defaults to NULL

`submit_button_font_color`
Text color. Flourish type hint: color, defaults to NULL

`submit_button_font_color_hover`
Mouse over. Flourish type hint: color, defaults to NULL

`submit_button_border_style`
Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`submit_button_border_color`
Color. Flourish type hint: color, defaults to NULL

`submit_button_border_width`
Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

`submit_button_border_transparency`
Transparency. Flourish type hint: number, defaults to NULL

`submit_button_border_radius`
Roundness. Flourish type hint: number, defaults to NULL

`design_controls_position`
Position. Choices: top_left, top_centre, top_right, bottom_left, bottom_centre, bottom_right. Flourish type hint: string, defaults to NULL

`design_controls_button_symbol_back`
Back button. Flourish type hint: string, defaults to NULL

`design_controls_button_symbol_forward`
Forward button. Flourish type hint: string, defaults to NULL

design_controls_button_font_color
Color. Flourish type hint: color, defaults to NULL

design_controls_button_font_size
Size. Flourish type hint: number, defaults to NULL

design_controls_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

design_controls_button_margin
Margin. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_controls_button_padding_factor
Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_controls_button_bg_color
Background color. Flourish type hint: color, defaults to NULL

design_controls_button_bg_opacity
Background opacity. Flourish type hint: number, defaults to NULL

design_controls_button_font_weight
Text weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

design_controls_button_font_style
Text style. Choices: normal, italic. Flourish type hint: string, defaults to NULL

design_controls_button_border_width
Border width. Flourish type hint: number, defaults to NULL

design_controls_button_border_style
Border style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

design_controls_button_border_color
Border color. Flourish type hint: color, defaults to NULL

design_controls_button_border_radius
Roundness. Flourish type hint: number, defaults to NULL

design_progress_show
Show progress bar. Flourish type hint: boolean, defaults to NULL

design_progress_position
Position. Choices: top, bottom. Flourish type hint: string, defaults to NULL

design_progress_height
Height. Flourish type hint: number, defaults to NULL

design_progress_margin
Horizontal margins. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

design_progress_bg_color
Background color. Flourish type hint: color, defaults to NULL

design_progress_bg_opacity
Background opacity. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
 Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
 Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
 Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
 Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
 Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
 Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
 Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
 Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
 Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
 Flourish type hint: number, defaults to NULL

chart_number_localization_input_decimal_separator
 Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
 Number format to display. Choices: ,, ,, , , , , , . How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

external_write_enabled
 Store result data externally. Flourish type hint: boolean, defaults to NULL

external_write_endpoint
 Storage endpoint. Your external database, store, API or web app endpoint to post data to. If you were to use Google Sheets to store your data, please check the External write docs for integration help. Flourish type hint: string, defaults to NULL

chart_layout_body_font
 Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
 Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

`chart_layout_footer_note`
 Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: `html`, defaults to `NULL`

`chart_layout_footer_note_secondary`
 Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: `html`, defaults to `NULL`

`chart_layout_advanced_note_styling`
 Advanced. Flourish type hint: `boolean`, defaults to `NULL`

`chart_layout_footer_timestamp_format`
 Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_enabled`
 Image. Choices: `TRUE`, `FALSE`. Flourish type hint: `boolean`, defaults to `NULL`

`chart_layout_footer_logo_src`
 Image. Flourish type hint: `url`, defaults to `NULL`

`chart_layout_footer_logo_src_light`
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: `hidden`, defaults to `NULL`

`chart_layout_footer_logo_alt`
 Alt text. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_link_url`
 Link. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_height`
 Height. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_logo_margin`
 Margin. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_logo_order`
 Position. Choices: `left`, `right`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_align_vertical`
 V. align. Choices: `flex-start`, `center`, `flex-end`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_border`
 Choices: `top`, `bottom`, `top_and_bottom`, `none`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_border_width`
 Width. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_border_color`
 Color. Flourish type hint: `color`, defaults to `NULL`

chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "calculator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_calculator_data(gapminder) |>
  set_calculator_details()
)
```

set_cards_details	<i>Set cards chart details</i>
-------------------	--------------------------------

Description

Set cards chart details

Usage

```
set_cards_details(
  .,
  mode = NULL,
  carousel_channel_background = NULL,
  carousel_bar_background = NULL,
  carousel_channel_height = NULL,
```

```
autoplay_enabled = NULL,  
autoplay_duration = NULL,  
autoplay_loop = NULL,  
autoplay_pause_when = NULL,  
autoplay_btn_visible = NULL,  
autoplay_btn_position = NULL,  
autoplay_btn_size = NULL,  
autoplay_btn_background = NULL,  
autoplay_btn_opacity = NULL,  
autoplay_btn_color = NULL,  
card_layout = NULL,  
card_order = NULL,  
card_width_portrait = NULL,  
card_width_landscape = NULL,  
card_width_stretch = NULL,  
card_width_stretch_percent = NULL,  
card_padding_top = NULL,  
card_padding_right = NULL,  
card_padding_bottom = NULL,  
card_padding_left = NULL,  
card_horizontal_margin = NULL,  
card_vertical_margin = NULL,  
card_border_color = NULL,  
card_border_width = NULL,  
card_shape = NULL,  
card_radius = NULL,  
card_shadow = NULL,  
card_shadow_color = NULL,  
card_shadow_blur = NULL,  
template_customise = NULL,  
template_simple_custom = NULL,  
content_vertical_align = NULL,  
content_horizontal_padding = NULL,  
title_color = NULL,  
title_fontsize = NULL,  
title_weight = NULL,  
title_advanced = NULL,  
title_opacity = NULL,  
title_space_above = NULL,  
title_space_below = NULL,  
title_lineheight = NULL,  
title_minheight = NULL,  
title_align = NULL,  
subtitle_color = NULL,  
subtitle_fontsize = NULL,  
subtitle_weight = NULL,  
subtitle_advanced = NULL,  
subtitle_opacity = NULL,
```

```
subtitle_space_above = NULL,  
subtitle_space_below = NULL,  
subtitle_lineheight = NULL,  
subtitle_minheight = NULL,  
subtitle_align = NULL,  
text_color = NULL,  
text_fontsize = NULL,  
text_weight = NULL,  
text_advanced = NULL,  
text_opacity = NULL,  
text_space_between = NULL,  
text_lineheight = NULL,  
text_minheight = NULL,  
text_align = NULL,  
text_column_names = NULL,  
text_column_separator = NULL,  
text_column_weight = NULL,  
text_column_separator_custom = NULL,  
image_width_portrait = NULL,  
image_width_landscape = NULL,  
image_aspect_ratio = NULL,  
image_sizing = NULL,  
image_horizontal_margin = NULL,  
image_vertical_margin = NULL,  
card_space_between = NULL,  
image_border_color = NULL,  
image_border_width = NULL,  
image_shape = NULL,  
image_radius = NULL,  
image_styling = NULL,  
image_opacity = NULL,  
image_contrast = NULL,  
image_brightness = NULL,  
image_blend_mode = NULL,  
image_blackwhite = NULL,  
image_missing = NULL,  
image_missing_icon = NULL,  
card_background_mode = NULL,  
card_background_color = NULL,  
card_background_mode_category = NULL,  
card_background_color_category = NULL,  
image_background_mode = NULL,  
image_background_color = NULL,  
image_background_mode_category = NULL,  
image_background_color_category = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,
```

```
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,
```

```
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
legend_filter_mode = NULL,  
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,
```

```
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
filter_show_all = NULL,  
filter_show_all_text = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
audio_click = NULL,  
audio_animation = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,
```

```
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,
```

```
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,
```



```

chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL,
chart_url_settings_enabled = NULL,
chart_url_settings_whitelist = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
mode	View mode. Choices: grid, carousel. Flourish type hint: string, defaults to NULL
carousel_channel_background	Channel color. Flourish type hint: color, defaults to NULL
carousel_bar_background	Bar color. Flourish type hint: color, defaults to NULL
carousel_channel_height	Channel height. Flourish type hint: number, defaults to NULL
autoplay_enabled	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
autoplay_duration	Duration. Flourish type hint: number, defaults to NULL
autoplay_loop	Loop. Flourish type hint: boolean, defaults to NULL
autoplay_pause_when	Pause on interaction. Choices: never, hover, popup, hover_popup. Flourish type hint: string, defaults to NULL

autoplay_btn_visible	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
autoplay_btn_position	Position. Choices: top_left, top_right, bottom_left, bottom_right. Flourish type hint: string, defaults to NULL
autoplay_btn_size	Size. Flourish type hint: number, defaults to NULL
autoplay_btn_background	Background. Flourish type hint: color, defaults to NULL
autoplay_btn_opacity	Opacity. Flourish type hint: number, defaults to NULL
autoplay_btn_color	Icon. Flourish type hint: color, defaults to NULL
card_layout	Card layout. Choices: portrait, landscape, absolute. Flourish type hint: string, defaults to NULL
card_order	Card structure. Choices: stack-default, stack-2, stack-3, stack-4. Flourish type hint: string, defaults to NULL
card_width_portrait	Width. Flourish type hint: number, defaults to NULL
card_width_landscape	Width. Flourish type hint: number, defaults to NULL
card_width_stretch	Stretch cards to fill. Flourish type hint: boolean, defaults to NULL
card_width_stretch_percent	Stretch. How much the cards are allowed to scale up to fill the space, in %. When too much stretch would be required, cards are scaled down to add a column to the grid. Flourish type hint: number, defaults to NULL
card_padding_top	Top. Flourish type hint: number, defaults to NULL
card_padding_right	Right. Flourish type hint: number, defaults to NULL
card_padding_bottom	Bottom. Flourish type hint: number, defaults to NULL
card_padding_left	Left. Flourish type hint: number, defaults to NULL
card_horizontal_margin	Horizontal. Flourish type hint: number, defaults to NULL
card_vertical_margin	Vertical. Flourish type hint: number, defaults to NULL
card_border_color	Border color. Flourish type hint: color, defaults to NULL
card_border_width	Weight. Flourish type hint: number, defaults to NULL
card_shape	Shape. Choices: circle, square. Flourish type hint: string, defaults to NULL

card_radius	Roundness. Flourish type hint: number, defaults to NULL
card_shadow	Shadow behind card. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
card_shadow_color	Color. Flourish type hint: color, defaults to NULL
card_shadow_blur	Blur. Flourish type hint: number, defaults to NULL
template_customize	Customize card HTML. Flourish type hint: boolean, defaults to NULL
template_simple_custom	Custom HTML. Custom HTML can be used for flippable cards, text on hover, embedded Flourish charts, etc. Refer to columns using <code>{{column_name}}</code> If a column name has spaces, wrap in square brackets, like <code>{{column name}}</code> If a column includes HTML, prevent escaping HTML by wrapping in triple curly brackets. For example: <code>{{{column_name}}}</code> Use handlebar syntax for conditions, etc. Flourish type hint: html, defaults to NULL
content_vertical_align	Vertical position. Choices: center, flex-start, flex-end. Flourish type hint: string, defaults to NULL
content_horizontal_padding	Horizontal space. Flourish type hint: number, defaults to NULL
title_color	Color. Flourish type hint: color, defaults to NULL
title_fontsize	Font size. Flourish type hint: number, defaults to NULL
title_weight	Weight. Choices: italic, normal, bold. Flourish type hint: string, defaults to NULL
title_advanced	Advanced settings. Flourish type hint: boolean, defaults to NULL
title_opacity	Opacity. Flourish type hint: number, defaults to NULL
title_space_above	Space above. Flourish type hint: number, defaults to NULL
title_space_below	Space below. Flourish type hint: number, defaults to NULL
title_lineheight	Line height. Flourish type hint: number, defaults to NULL
title_minheight	Min height. Flourish type hint: number, defaults to NULL
title_align	Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL
subtitle_color	Color. Flourish type hint: color, defaults to NULL
subtitle_fontsize	Font size. Flourish type hint: number, defaults to NULL
subtitle_weight	Weight. Choices: italic, normal, bold. Flourish type hint: string, defaults to NULL
subtitle_advanced	Advanced settings. Flourish type hint: boolean, defaults to NULL

subtitle_opacity	Opacity. Flourish type hint: number, defaults to NULL
subtitle_space_above	Space above. Flourish type hint: number, defaults to NULL
subtitle_space_below	Space below. Flourish type hint: number, defaults to NULL
subtitle_lineheight	Line height. Flourish type hint: number, defaults to NULL
subtitle_minheight	Min height. Flourish type hint: number, defaults to NULL
subtitle_align	Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL
text_color	Color. Flourish type hint: color, defaults to NULL
text_fontsize	Font size. Flourish type hint: number, defaults to NULL
text_weight	Weight. Choices: italic, normal, bold. Flourish type hint: string, defaults to NULL
text_advanced	Advanced settings. Flourish type hint: boolean, defaults to NULL
text_opacity	Opacity. Flourish type hint: number, defaults to NULL
text_space_between	Space between. Flourish type hint: number, defaults to NULL
text_lineheight	Line height. Flourish type hint: number, defaults to NULL
text_minheight	Min height. Flourish type hint: number, defaults to NULL
text_align	Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL
text_column_names	Column names. Choices: TRUE, FALSE. To add column names before text entries. Flourish type hint: boolean, defaults to NULL
text_column_separator	Column separator. Choices: :, -, , other. Choose a separator between column names and text entries. Flourish type hint: string, defaults to NULL
text_column_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
text_column_separator_custom	Other. Flourish type hint: string, defaults to NULL
image_width_portrait	Width. As a percentage of the cards width. Flourish type hint: number, defaults to NULL
image_width_landscape	Width. As a percentage of the cards width. Flourish type hint: number, defaults to NULL
image_aspect_ratio	Aspect ratio. As a multiplier of the images width. For example: a value of 2, means the image height is 2 times the image width. Flourish type hint: number, defaults to NULL

image_sizing	Image sizing. Choices: cover, contain. Flourish type hint: string, defaults to NULL
image_horizontal_margin	Horizontal. As a percentage of the cards width. Flourish type hint: number, defaults to NULL
image_vertical_margin	Vertical. As a percentage of the cards width. Flourish type hint: number, defaults to NULL
card_space_between	Space between image and text. Flourish type hint: number, defaults to NULL
image_border_color	Color. Flourish type hint: color, defaults to NULL
image_border_width	Weight. Flourish type hint: number, defaults to NULL
image_shape	Shape. Choices: circle, square. Flourish type hint: string, defaults to NULL
image_radius	Roundness. Flourish type hint: number, defaults to NULL
image_styling	Advanced image styling. Flourish type hint: boolean, defaults to NULL
image_opacity	Opacity. Flourish type hint: number, defaults to NULL
image_contrast	Contrast. Flourish type hint: number, defaults to NULL
image_brightness	Brightness. Flourish type hint: number, defaults to NULL
image_blend_mode	Blend mode. Choices: normal, lighten, darken, overlay, screen, multiply. Flourish type hint: string, defaults to NULL
image_blackwhite	Black and white. Flourish type hint: boolean, defaults to NULL
image_missing	Missing images. Choices: hide, icon. What to show when theres a missing image. Flourish type hint: string, defaults to NULL
image_missing_icon	Missing icon. Flourish type hint: url, defaults to NULL
card_background_mode	Card. Choices: transparent, fixed. Flourish type hint: string, defaults to NULL
card_background_color	Color. Flourish type hint: color, defaults to NULL
card_background_mode_category	Card. Choices: data, transparent, fixed. Choose Data if you want to base the color on the Categories column in your dataset. Flourish type hint: string, defaults to NULL
card_background_color_category	Color. Flourish type hint: color, defaults to NULL
image_background_mode	Image. Choices: transparent, fixed. Flourish type hint: string, defaults to NULL
image_background_color	Color. Flourish type hint: color, defaults to NULL

image_background_mode_category
 Image. Choices: data, transparent, fixed. Choose Data if you want to base the color on the Categories column in your dataset. Flourish type hint: string, defaults to NULL

image_background_color_category
 Color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette
 Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
 Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
 Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
 Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
 Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
 Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
 Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
 Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
 Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
 Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
 Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
 Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
 Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
 Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
 Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
 Max. Flourish type hint: number, defaults to NULL

chart_popup_mode
 Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
 Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
 Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
 Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
 Popup custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of

the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column`
 For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`.
 Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

`chart_popup_popup_custom_accessible`

Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}`, Population: `{{Population}}`, GDP: `{{GDP}}`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

`chart_popup_popup_width`

Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

`chart_popup_popup_font_size`

Text size. Flourish type hint: number, defaults to NULL

`chart_popup_popup_text_color`

Text color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_align`

Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_popup_popup_background`

Fill color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_background_opacity`

Fill opacity. Flourish type hint: number, defaults to NULL

`chart_popup_popup_padding`

Padding. Flourish type hint: number, defaults to NULL

`chart_popup_popup_radius`

Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

`chart_popup_popup_header_type`

Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

`chart_popup_popup_header_background`

Background. Flourish type hint: color, defaults to NULL

`chart_popup_popup_header_text_color`

Text. Flourish type hint: color, defaults to NULL

`chart_popup_popup_list_type`

List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

`chart_popup_popup_list_label_weight`

Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

`chart_popup_popup_list_separator`

List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

`chart_popup_popup_shadow`

Shadow. Flourish type hint: boolean, defaults to NULL

`chart_popup_popup_pointer`

Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
 Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
 Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
 Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
 Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
 Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
 Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
 Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content` for non-empty column. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
 Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content` for non-empty column_name`{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
 Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
 Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
 Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
 Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
 Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
 Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
 Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
 Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
 Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
 Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
 Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
 Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
 Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
 Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
 List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
 Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
 List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
 Shadow. Flourish type hint: boolean, defaults to NULL

chart_legend_container_alignment
 Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
 Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
 Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
 Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
 Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
 Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
 Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
 Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
 Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_filter_mode
Filter on click. Choices: none, single, multi. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
 Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
 Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
 Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
 Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
 Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
 Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
 Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
 Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
 Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
 Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_show_all
 Include "All". Flourish type hint: boolean, defaults to NULL

filter_show_all_text
 "All" label. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
 Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
 Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
 Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
 Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
 Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
 Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
 Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

audio_click	Click while playing should:. Choices: replay, stop, pause. Flourish type hint: string, defaults to NULL
audio_animation	Animate while playing audio. Flourish type hint: boolean, defaults to NULL
chart_layout_body_font	Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL
chart_layout_font_color	Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL
chart_layout_background_color_enabled	Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_image_enabled	Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_color	Background color. Flourish type hint: color, defaults to NULL
chart_layout_background_image_src	Image URL. Flourish type hint: url, defaults to NULL
chart_layout_background_image_size	Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL
chart_layout_background_image_position	Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL
chart_layout_max_width_target	Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL
chart_layout_max_width	Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL
chart_layout_max_width_align	Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL
chart_layout_layout_order	Layout order. Flourish type hint: string, defaults to NULL
chart_layout_space_between_sections	Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL
chart_layout_space_between_sections_custom	Custom. Flourish type hint: number, defaults to NULL
chart_layout_margin_top	Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

`chart_layout_screenreader_hide_primary`
 Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

`chart_url_settings_enabled`
 Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

`chart_url_settings_whitelist`
 Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "cards", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_cards_data(gapminder) |>
```

```
    set_cards_details()  
)
```

set_chord_diagram_details

Set chord diagram chart details

Description

Set chord diagram chart details

Usage

```
set_chord_diagram_details(  
  ` ,  
  opacity_default = NULL,  
  opacity_focused = NULL,  
  opacity_defocused = NULL,  
  selected_chords = NULL,  
  use_mouseover_label = NULL,  
  show_selected_label = NULL,  
  chord_labels_reponsive = NULL,  
  chord_label_font_size = NULL,  
  chord_label_font_size_min = NULL,  
  chord_label_font_size_max = NULL,  
  show_chord_stroke = NULL,  
  chord_stroke_color = NULL,  
  chord_stroke_opacity = NULL,  
  arc_thickness = NULL,  
  arc_spacing = NULL,  
  pad_angle = NULL,  
  label_alignment = NULL,  
  label_responsive = NULL,  
  label_font_size = NULL,  
  label_font_size_min = NULL,  
  label_font_size_max = NULL,  
  label_color = NULL,  
  use_label_color_arc = NULL,  
  chart_color_scale_categorical_palette = NULL,  
  chart_color_scale_categorical_extend = NULL,  
  chart_color_scale_categorical_custom_palette = NULL,  
  chart_color_scale_numeric_type = NULL,  
  chart_color_scale_binning = NULL,  
  chart_color_scale_bin_mode = NULL,  
  chart_color_scale_bin_count = NULL,  
  chart_color_scale_bin_thresholds = NULL,  
  chart_color_scale_sequential_palette = NULL,  
)
```

```
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
gradient_type = NULL,  
chart_popup_show_popups = NULL,  
chart_popup_is_custom = NULL,  
chart_popup_custom_template = NULL,  
chart_popup_show_pointer = NULL,  
chart_popup_show_shadow = NULL,  
chart_popup_style_popups = NULL,  
chart_popup_text_color = NULL,  
chart_popup_align = NULL,  
chart_popup_text_size = NULL,  
chart_popup_fill_color = NULL,  
chart_popup_opacity = NULL,  
chart_popup_padding = NULL,  
chart_popup_border_radius = NULL,  
chart_popup_max_width = NULL,  
popup_type = NULL,  
popup_content = NULL,  
animation_speed = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_label_number_date_format_prefix = NULL,  
chart_label_number_date_format_suffix = NULL,  
chart_label_number_date_format_n_dec = NULL,  
chart_label_number_date_format_advanced = NULL,  
chart_label_number_date_format_negative_sign = NULL,  
chart_label_number_date_format_strip_zeros = NULL,  
chart_label_number_date_format_strip_separator = NULL,  
chart_label_number_date_format_transform_labels = NULL,  
chart_label_number_date_format_transform = NULL,  
chart_label_number_date_format_multiply_divide_constant = NULL,  
chart_label_number_date_format_exponentiate_constant = NULL,
```

```
chart_scale = NULL,  
allow_resize = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,
```

```
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,
```



```

chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

- . The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
- opacity_default Default opacity. Opacity for the default view. Flourish type hint: number, defaults to NULL
- opacity_focused Focused opacity. Opacity for the selected and/or hovered chords. Flourish type hint: number, defaults to NULL
- opacity_defocused Defocused opacity. Opacity for the background chords when one is in focus. Flourish type hint: number, defaults to NULL
- selected_chords Highlight chords. You can highlight all of an arcs chords by typing the name of the arc. Alternatively, you can highlight individual chords by typing the name

of the two arcs that it connects using the format: Arc 1 » Arc 2 If you wanted to highlight all chords from "Arc 3" and any chords between "Arc 1" and "Arc 2" you would write: Arc 3 Arc 1 » Arc 2 If you wish to highlight/unhighlight in the story editor you can do so by clicking on chords. Flourish type hint: text, defaults to NULL

use_mouseover_label	Show chord values on hover. Flourish type hint: boolean, defaults to NULL
show_selected_label	Keep chord values on click. Flourish type hint: boolean, defaults to NULL
chord_labels_reponsive	Label text size. Choices: TRUE, FALSE. Auto changes the label size based on the window size, subject to the specified min and max. Flourish type hint: boolean, defaults to NULL
chord_label_font_size	Text size. Flourish type hint: number, defaults to NULL
chord_label_font_size_min	Min size. Flourish type hint: number, defaults to NULL
chord_label_font_size_max	Max size. Flourish type hint: number, defaults to NULL
show_chord_stroke	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chord_stroke_color	Stroke color. Flourish type hint: color, defaults to NULL
chord_stroke_opacity	Stroke opacity. Flourish type hint: number, defaults to NULL
arc_thickness	Thickness. As a percentage of the radius. Flourish type hint: number, defaults to NULL
arc_spacing	Space below. As a percentage of the radius. Flourish type hint: number, defaults to NULL
pad_angle	Space between. In degrees. Flourish type hint: number, defaults to NULL
label_alignment	Alignment. Choices: along_arcs, 90_rotated. Flourish type hint: string, defaults to NULL
label_responsive	Label text size. Choices: TRUE, FALSE. Auto changes the label size based on the window size, subject to the specified min and max. Flourish type hint: boolean, defaults to NULL
label_font_size	Text size. Flourish type hint: number, defaults to NULL
label_font_size_min	Min size. Flourish type hint: number, defaults to NULL
label_font_size_max	Max size. Flourish type hint: number, defaults to NULL
label_color	Label color. Flourish type hint: color, defaults to NULL

use_label_color_arc
Make the arc label color the same as the arc color. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

gradient_type
Chord color mode. Choices: linear_gradient, largest_end, smallest_end. Flourish type hint: string, defaults to NULL

chart_popup_show_popups
Popups. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_popup_is_custom
Popup contents. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_custom_template
Popup content. The text to appear in the popup. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. Flourish type hint: text, defaults to NULL

chart_popup_show_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_show_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_style_popups
Custom styling. Flourish type hint: boolean, defaults to NULL

chart_popup_text_color
Text colour. Flourish type hint: color, defaults to NULL

chart_popup_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_popup_text_size
Font size. Flourish type hint: number, defaults to NULL

chart_popup_fill_color
Fill colour. Flourish type hint: color, defaults to NULL

chart_popup_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_border_radius
Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_max_width
Max width. Flourish type hint: number, defaults to NULL

popup_type
Position. Choices: directional, non_directional. Flourish type hint: string, defaults to NULL

popup_content
Popup description. Add a title or a discription to help explain your tooltip. Flourish type hint: text, defaults to NULL

animation_speed
Animation duration. The duration, in seconds, of transitions for example between two slides in a story Flourish type hint: number, defaults to NULL

chart_number_localization_input_decimal_separator
Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
Number format to display. Choices: ,, ,,, , , , ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_prefix
Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_suffix
Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_n_dec
Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_label_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

`chart_label_number_date_format_strip_separator`
 Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

`chart_label_number_date_format_transform_labels`
 Multiply/divide values. Flourish type hint: boolean, defaults to NULL

`chart_label_number_date_format_transform`
 Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

`chart_label_number_date_format_multiply_divide_constant`
 Flourish type hint: number, defaults to NULL

`chart_label_number_date_format_exponentiate_constant`
 Flourish type hint: number, defaults to NULL

`chart_scale` Chart scale. Flourish type hint: number, defaults to NULL

`allow_resize` Allow embeds to resize. Checking this option allows the visualization to resize so the chord diagram is always a square without white space to the sides or top/bottom. Flourish type hint: boolean, defaults to NULL

`chart_layout_body_font`
 Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

`chart_layout_font_color`
 Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

`chart_layout_background_color_enabled`
 Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_image_enabled`
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_color`
 Background color. Flourish type hint: color, defaults to NULL

`chart_layout_background_image_src`
 Image URL. Flourish type hint: url, defaults to NULL

`chart_layout_background_image_size`
 Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

`chart_layout_background_image_position`
 Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

`chart_layout_max_width_target`
 Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

`chart_layout_max_width`
 Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light	Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL
chart_layout_footer_logo_alt	Alt text. Flourish type hint: string, defaults to NULL
chart_layout_footer_logo_link_url	Link. Flourish type hint: string, defaults to NULL
chart_layout_footer_logo_height	Height. Flourish type hint: number, defaults to NULL
chart_layout_footer_logo_margin	Margin. Flourish type hint: number, defaults to NULL
chart_layout_footer_logo_order	Position. Choices: left, right. Flourish type hint: string, defaults to NULL
chart_layout_footer_align_vertical	V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL
chart_layout_footer_border	Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_width	Width. Flourish type hint: number, defaults to NULL
chart_layout_footer_border_color	Color. Flourish type hint: color, defaults to NULL
chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "chord_diagram", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_chord_diagram_data(gapminder) |>  
  set_chord_diagram_details()  
)
```

set_countdown_details *Set countdown chart details*

Description

Set countdown chart details

Usage

```
set_countdown_details(  
  .,  
  date_day = NULL,  
  date_month = NULL,  
  date_year = NULL,  
  date_hour = NULL,  
  date_minute = NULL,  
  date_second = NULL,  
  before_content_mode = NULL,  
  before_content_custom = NULL,  
  after_content_mode = NULL,  
  after_content_custom = NULL,  
  countdown_size = NULL,  
  countdown_color = NULL,  
  countdown_weight = NULL,  
  chart_layout_body_font = NULL,  
  chart_layout_font_color = NULL,  
  chart_layout_background_color_enabled = NULL,  
  chart_layout_background_image_enabled = NULL,  
  chart_layout_background_color = NULL,  
  chart_layout_background_image_src = NULL,  
  chart_layout_background_image_size = NULL,  
  chart_layout_background_image_position = NULL,  
  chart_layout_max_width_target = NULL,  
  chart_layout_max_width = NULL,  
  chart_layout_max_width_align = NULL,  
  chart_layout_layout_order = NULL,  
  chart_layout_space_between_sections = NULL,  
  chart_layout_space_between_sections_custom = NULL,  
  chart_layout_margin_top = NULL,  
  chart_layout_margin_right = NULL,
```

```
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,
```

```
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,
```

```

chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
date_day	Day. Flourish type hint: number, defaults to NULL
date_month	Month. Flourish type hint: number, defaults to NULL
date_year	Year. If your date is in the future, the tool will count down to it. If it's in the past, the tool will count up, showing the number of days that have passed since the date. Flourish type hint: number, defaults to NULL
date_hour	Hour. 0 to 23. Flourish type hint: number, defaults to NULL
date_minute	Minute. Flourish type hint: number, defaults to NULL
date_second	Second. Flourish type hint: number, defaults to NULL
before_content_mode	Text mode. Choices: auto, custom. Displays while counting down to the specified time/date. Flourish type hint: string, defaults to NULL
before_content_custom	Custom text before date/time reached. Can include any text or HTML. Use <code>{{d}}</code> for days, <code>{{h}}</code> for hours, <code>{{m}}</code> for minutes and <code>{{s}}</code> for seconds. Flourish type hint: text, defaults to NULL
after_content_mode	Text mode. Choices: auto, custom. Displays while counting upwards after the specified time/date. Flourish type hint: string, defaults to NULL
after_content_custom	Custom text after date/time reached. Can include any text or HTML. Use <code>{{d}}</code> for days, <code>{{h}}</code> for hours, <code>{{m}}</code> for minutes and <code>{{s}}</code> for seconds. Flourish type hint: text, defaults to NULL
countdown_size	Size. Measured in vw (percentage of view window). This makes sure the countdown always scales with the page. Flourish type hint: number, defaults to NULL
countdown_color	Color. Flourish type hint: color, defaults to NULL
countdown_weight	Weight. Choices: 400, 600. Flourish type hint: string, defaults to NULL

`chart_layout_body_font`
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

`chart_layout_font_color`
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

`chart_layout_background_color_enabled`
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_image_enabled`
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_color`
Background color. Flourish type hint: color, defaults to NULL

`chart_layout_background_image_src`
Image URL. Flourish type hint: url, defaults to NULL

`chart_layout_background_image_size`
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

`chart_layout_background_image_position`
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

`chart_layout_max_width_target`
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

`chart_layout_max_width`
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

`chart_layout_max_width_align`
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

`chart_layout_layout_order`
Layout order. Flourish type hint: string, defaults to NULL

`chart_layout_space_between_sections`
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

`chart_layout_space_between_sections_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_margin_top`
Top. Flourish type hint: number, defaults to NULL

`chart_layout_margin_right`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_margin_bottom`
Bottom. Flourish type hint: number, defaults to NULL

`chart_layout_margin_left`
Left. Flourish type hint: number, defaults to NULL

`chart_layout_border_enabled`
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

`chart_layout_border_top_width`
Top. Flourish type hint: number, defaults to NULL

`chart_layout_border_top_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_border_top_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_border_right_width`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_border_right_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_border_right_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_border_bottom_width`
Bottom. Flourish type hint: number, defaults to NULL

`chart_layout_border_bottom_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_border_bottom_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_border_left_width`
Left. Flourish type hint: number, defaults to NULL

`chart_layout_border_left_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_border_left_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_read_direction`
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

`chart_layout_font_size_mobile_small`
Flourish type hint: number, defaults to NULL

`chart_layout_font_size_mobile_big`
Flourish type hint: number, defaults to NULL

`chart_layout_font_size_tablet`
Flourish type hint: number, defaults to NULL

`chart_layout_font_size_desktop`
Flourish type hint: number, defaults to NULL

`chart_layout_font_size_big_screen`
Flourish type hint: number, defaults to NULL

`chart_layout_breakpoint_mobile_small`
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border	Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_width	Width. Flourish type hint: number, defaults to NULL
chart_layout_footer_border_color	Color. Flourish type hint: color, defaults to NULL
chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "countdown", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  set_countdown_details()
)
```

set_draw_the_line_details

Set draw the line chart chart details

Description

Set draw the line chart chart details

Usage

```
set_draw_the_line_details(  
  .,  
  guess_lines_start = NULL,  
  guess_lines_width = NULL,  
  guess_lines_dot_radius = NULL,  
  guess_lines_dash = NULL,  
  fixed_lines_width = NULL,  
  fixed_lines_dot_radius = NULL,  
  line_curve = NULL,  
  guess_lines_panel_position = NULL,  
  message_styling = NULL,  
  message_background = NULL,  
  message_opacity = NULL,  
  message_color = NULL,  
  message_font_size = NULL,  
  message_border = NULL,  
  message_border_width = NULL,  
  message_border_radius = NULL,  
  message_shadow = NULL,  
  guess_lines_message_text = NULL,  
  scores_3_min = NULL,  
  scores_3_text = NULL,  
  scores_2_min = NULL,  
  scores_2_text = NULL,  
  scores_1_min = NULL,  
  scores_1_text = NULL,  
  scores_0_text = NULL,  
  guess_lines_submit_text = NULL,  
  submit_styling = NULL,  
  submit_background = NULL,  
  submit_opacity = NULL,  
  submit_color = NULL,  
  submit_font_size = NULL,  
  submit_border = NULL,  
  submit_border_width = NULL,  
  submit_border_radius = NULL,  
  submit_shadow = NULL,  
  chart_color_scale_categorical_palette = NULL,  
  chart_color_scale_categorical_extend = NULL,  
  chart_color_scale_categorical_custom_palette = NULL,  
  chart_color_scale_numeric_type = NULL,  
  chart_color_scale_binning = NULL,  
  chart_color_scale_bin_mode = NULL,  
  chart_color_scale_bin_count = NULL,  
  chart_color_scale_bin_thresholds = NULL,  
  chart_color_scale_sequential_palette = NULL,  
  chart_color_scale_sequential_reverse = NULL,  
)
```



```
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_x_axis_axis_position = NULL,  
chart_x_axis_y_axis_position = NULL,  
chart_x_axis_numeric_scale_type = NULL,  
chart_x_axis_linear_min = NULL,  
chart_x_axis_linear_max = NULL,  
chart_x_axis_log_min = NULL,  
chart_x_axis_log_max = NULL,  
chart_x_axis_datetime_min = NULL,  
chart_x_axis_datetime_max = NULL,  
chart_x_axis_flip = NULL,  
chart_x_axis_show_scale_settings = NULL,  
chart_x_axis_nice = NULL,
```

```
chart_x_axis_zero_axis = NULL,  
chart_x_axis_title_mode = NULL,  
chart_x_axis_title = NULL,  
chart_x_axis_title_styling = NULL,  
chart_x_axis_title_weight = NULL,  
chart_x_axis_title_color = NULL,  
chart_x_axis_title_size = NULL,  
chart_x_axis_title_padding = NULL,  
chart_x_axis_tick_label_position = NULL,  
chart_x_axis_tick_label_styling = NULL,  
chart_x_axis_tick_label_size = NULL,  
chart_x_axis_tick_label_color = NULL,  
chart_x_axis_tick_padding = NULL,  
chart_x_axis_tick_label_angle = NULL,  
chart_x_axis_tick_label_weight = NULL,  
chart_x_axis_tick_label_max_lines = NULL,  
chart_x_axis_tick_label_line_height = NULL,  
chart_x_axis_tick_label_space_mode = NULL,  
chart_x_axis_tick_label_space = NULL,  
chart_x_axis_tick_mode = NULL,  
chart_x_axis_tick_number = NULL,  
chart_x_axis_tick_custom = NULL,  
chart_x_axis_line_and_tick_color = NULL,  
chart_x_axis_line_and_tick_width = NULL,  
chart_x_axis_tick_length = NULL,  
chart_x_axis_tick_side = NULL,  
chart_x_axis_line_visible = NULL,  
chart_x_axis_edge_padding = NULL,  
chart_x_axis_gridlines_visible = NULL,  
chart_x_axis_gridlines_styling = NULL,  
chart_x_axis_gridline_color = NULL,  
chart_x_axis_gridline_style = NULL,  
chart_x_axis_gridline_width = NULL,  
chart_x_axis_gridline_category_dividers = NULL,  
chart_x_axis_gridline_category_dividers_extend = NULL,  
chart_y_axis_axis_visible = NULL,  
chart_y_axis_numeric_scale_type = NULL,  
chart_y_axis_linear_min = NULL,  
chart_y_axis_linear_max = NULL,  
chart_y_axis_log_min = NULL,  
chart_y_axis_log_max = NULL,  
chart_y_axis_datetime_min = NULL,  
chart_y_axis_datetime_max = NULL,  
chart_y_axis_flip = NULL,  
chart_y_axis_show_scale_settings = NULL,  
chart_y_axis_nice = NULL,  
chart_y_axis_zero_axis = NULL,  
chart_y_axis_title_mode = NULL,
```

```
chart_y_axis_title = NULL,  
chart_y_axis_title_styling = NULL,  
chart_y_axis_title_position = NULL,  
chart_y_axis_title_weight = NULL,  
chart_y_axis_title_color = NULL,  
chart_y_axis_title_size = NULL,  
chart_y_axis_title_padding = NULL,  
chart_y_axis_tick_label_position = NULL,  
chart_y_axis_tick_label_styling = NULL,  
chart_y_axis_tick_label_size = NULL,  
chart_y_axis_tick_label_color = NULL,  
chart_y_axis_tick_padding = NULL,  
chart_y_axis_tick_label_angle = NULL,  
chart_y_axis_tick_label_weight = NULL,  
chart_y_axis_tick_label_max_lines = NULL,  
chart_y_axis_tick_label_line_height = NULL,  
chart_y_axis_tick_label_space_mode = NULL,  
chart_y_axis_tick_label_space = NULL,  
chart_y_axis_tick_mode = NULL,  
chart_y_axis_tick_number = NULL,  
chart_y_axis_tick_custom = NULL,  
chart_y_axis_line_and_tick_color = NULL,  
chart_y_axis_line_and_tick_width = NULL,  
chart_y_axis_tick_length = NULL,  
chart_y_axis_tick_side = NULL,  
chart_y_axis_line_visible = NULL,  
chart_y_axis_edge_padding = NULL,  
chart_y_axis_gridlines_visible = NULL,  
chart_y_axis_gridlines_styling = NULL,  
chart_y_axis_gridline_color = NULL,  
chart_y_axis_gridline_style = NULL,  
chart_y_axis_gridline_width = NULL,  
chart_y_axis_gridline_category_dividers = NULL,  
chart_y_axis_gridline_category_dividers_extend = NULL,  
chart_background_background_color_enabled = NULL,  
chart_background_background_image_enabled = NULL,  
chart_background_background_color = NULL,  
chart_background_background_image_src = NULL,  
chart_background_background_image_size = NULL,  
chart_background_background_image_position = NULL,  
datetime_input_format = NULL,  
date_format = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,
```

```
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,
```

```
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,
```

```

chart_layout_footer_align = NULL,
chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

guess_lines_start

Percent to reveal. What percentage of the line to show before a user starts drawing. Flourish type hint: number, defaults to NULL

guess_lines_width

Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

guess_lines_dot_radius

Dot radius. Flourish type hint: number, defaults to NULL

guess_lines_dash	Drawing dash size. Only applies to the drawn section of the line. Set to zero for a solid line. Flourish type hint: number, defaults to NULL
fixed_lines_width	Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
fixed_lines_dot_radius	Dot radius. Flourish type hint: number, defaults to NULL
line_curve	Live curve. Choices: linear, step, curve. Flourish type hint: string, defaults to NULL
guess_lines_panel_position	Position. Choices: top, middle, bottom. Flourish type hint: string, defaults to NULL
message_styling	Styling. Flourish type hint: boolean, defaults to NULL
message_background	Background. Flourish type hint: color, defaults to NULL
message_opacity	Opacity. Flourish type hint: number, defaults to NULL
message_color	Font color. Flourish type hint: color, defaults to NULL
message_font_size	Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
message_border	Border color. Flourish type hint: color, defaults to NULL
message_border_width	Border width. In pixels. Flourish type hint: number, defaults to NULL
message_border_radius	Border radius. In rems, a multiple of the panels font size. Flourish type hint: number, defaults to NULL
message_shadow	Drop shadow. Flourish type hint: boolean, defaults to NULL
guess_lines_message_text	Text. Include <code>{{LINE}}</code> to show the lines name, in color. Flourish type hint: string, defaults to NULL
scores_3_min	% error. Specified as the maximum percentage error allowed, relative to the total Y axis. Flourish type hint: number, defaults to NULL
scores_3_text	Text. Use <code>{{DIFF}}</code> to show the average gap from the users guess to the real data point. Flourish type hint: string, defaults to NULL
scores_2_min	% error. Specified as the maximum percentage error allowed, relative to the total Y axis. Flourish type hint: number, defaults to NULL
scores_2_text	Text. Flourish type hint: string, defaults to NULL
scores_1_min	% error. Specified as the maximum percentage error allowed, relative to the total Y axis. Flourish type hint: number, defaults to NULL
scores_1_text	Text. Flourish type hint: string, defaults to NULL
scores_0_text	Text. Flourish type hint: string, defaults to NULL

guess_lines_submit_text
Text. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to NULL

submit_styling Styling. Flourish type hint: boolean, defaults to NULL

submit_background
Background. Flourish type hint: color, defaults to NULL

submit_opacity Opacity. Flourish type hint: number, defaults to NULL

submit_color Font color. Flourish type hint: color, defaults to NULL

submit_font_size
Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

submit_border Border colour. Flourish type hint: color, defaults to NULL

submit_border_width
Border width. In pixels. Flourish type hint: number, defaults to NULL

submit_border_radius
Border radius. In ems a multiple of the panels font size. Flourish type hint: number, defaults to NULL

submit_shadow Drop shadow. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value

(domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the data's maximum value (domain maximum). For "5;10;15", you'll get four bins based on your data's range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

`chart_categorical_legend_title_mode`
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

`chart_categorical_legend_title`
Title. Flourish type hint: string, defaults to NULL

`chart_categorical_legend_swatch_width`
Width. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_height`
Height. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_radius`
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_legend_items_padding`
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_outline`
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

`chart_categorical_legend_swatch_outline_color`
Color. Flourish type hint: color, defaults to NULL

`chart_categorical_legend_order_override`
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

`chart_categorical_legend_icon_height`
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_icon_color`
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

`chart_categorical_legend_max_width`
Max width. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_orientation`
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

`chart_legend_container_alignment`
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_legend_container_orientation`
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

`chart_legend_container_title_weight`
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_legend_container_text_weight`
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_legend_container_text_color`
Color. Flourish type hint: color, defaults to NULL

`chart_legend_container_text_size`
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_axis_position
Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
Size. Flourish type hint: number, defaults to NULL

`chart_x_axis_title_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_position`
 Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_styling`
 Styling. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_tick_label_size`
 Size. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_x_axis_tick_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_angle`
 Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_weight`
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_max_lines`
 Max lines. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_line_height`
 Line height. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_space_mode`
 Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_space`
 Space. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_mode`
 Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_number`
 Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_custom`
 One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

`chart_x_axis_line_and_tick_color`
 Line color. Flourish type hint: color, defaults to NULL

`chart_x_axis_line_and_tick_width`
 Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_show_scale_settings`
Configure default min/max. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_nice`
Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_zero_axis`
Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_mode`
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

`chart_y_axis_title`
Text. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_title_position`
Position. Choices: side, end. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_color`
Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_title_size`
Size. Flourish type hint: number, defaults to NULL

`chart_y_axis_title_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_position`
Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_tick_label_size`
Size. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_color`
Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_tick_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_angle`
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_max_lines`
Max lines. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_space_mode`
Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_space`
Space. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_mode`
Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_number`
Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_custom`
One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

`chart_y_axis_line_and_tick_color`
Line color. Flourish type hint: color, defaults to NULL

`chart_y_axis_line_and_tick_width`
Line width. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_length`
Tick length. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_side`
Side. Choices: out, in. Flourish type hint: string, defaults to NULL

`chart_y_axis_line_visible`
Axis line. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_edge_padding`
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

`chart_y_axis_gridlines_visible`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_gridlines_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_gridline_color`
Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_gridline_style`
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

`chart_y_axis_gridline_width`
Width. Flourish type hint: number, defaults to NULL

- `chart_y_axis_gridline_category_dividers`
Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL
- `chart_y_axis_gridline_category_dividers_extend`
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL
- `chart_background_background_color_enabled`
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
- `chart_background_background_image_enabled`
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
- `chart_background_background_color`
Color. Flourish type hint: color, defaults to NULL
- `chart_background_background_image_src`
Image URL. Flourish type hint: url, defaults to NULL
- `chart_background_background_image_size`
Size. Choices: stretch, slice, meet. Flourish type hint: string, defaults to NULL
- `chart_background_background_image_position`
Position. Choices: x_min_y_min, x_mid_y_min, x_max_y_min, x_max_y_mid, x_mid_y_mid, x_min_y_max, x_mid_y_max, x_max_y_max. Flourish type hint: string, defaults to NULL
- `datetime_input_format`
Format in data sheet. Choices: auto, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %m/%y, %b %Y, %b %y, %B %d, %d %b, %Y, %y, %B, %b, %H:%M:%S, %I:%M %p, %H:%M. The date/time format in the datasheet. Leave as Auto for Flourish to make a best guess. If it isnt in the list, you can enter a custom format using d3-time-format syntax. See NPM d3-data-format for details. Flourish type hint: string, defaults to NULL
- `date_format`
Display format. Choices: auto, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %m/%y, %b %Y, %b %y, %B %d, %d %b, %Y, %y, %B, %b, %A, %a, %H:%M:%S, %I:%M %p, %H:%M. The date/time format to show in the graphic. If it isnt in the list, you can enter a custom format using d3-time-format syntax. See NPM d3-data-format for details. Flourish type hint: string, defaults to NULL
- `chart_number_localization_input_decimal_separator`
Decimal separator in data sheet. Choices: ., .. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL
- `chart_number_localization_output_separators`
Number format to display. Choices: ,, ,,, ,. ,. ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL
- `chart_number_date_format_prefix`
Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`chart_layout_title_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_title_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_title_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_title_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_title_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_title_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle`
Flourish type hint: html, defaults to NULL

`chart_layout_subtitle_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_subtitle_font`
Subtitle Font. Flourish type hint: font, defaults to NULL

`chart_layout_subtitle_size`
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_subtitle_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_text`
Flourish type hint: html, defaults to NULL

`chart_layout_header_text_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_header_text_size`
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_timestamp_format`
 Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_enabled`
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_logo_src`
 Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

`chart_layout_footer_logo_alt`
 Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_link_url`
 Link. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_height`
 Height. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_margin`
 Margin. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_order`
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "draw_the_line", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_draw_the_line_data(gapminder) |>
  set_draw_the_line_details()
)
```

set_election_results_chart_details

Set election results chart chart details

Description

Set election results chart chart details

Usage

```
set_election_results_chart_details(
  .,
  bar_height = NULL,
  bar_background = NULL,
  show_party_name = NULL,
  label_font_size = NULL,
  label_font_color = NULL,
  use_custom_scale = NULL,
  custom_scale_max = NULL,
  middle_line_position = NULL,
  middle_line_content = NULL,
  middle_line_text_color = NULL,
  middle_line_dashoffset = NULL,
  middle_line_width = NULL,
  middle_line_color = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
```



```
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,
```

```
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
legend_position = NULL,  
hide_empty_legend_items = NULL,  
placeholder_text = NULL,  
subtitle_text = NULL,  
value_change_abbreviation = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,
```

```
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
chart_label_number_date_format_prefix = NULL,  
chart_label_number_date_format_suffix = NULL,  
chart_label_number_date_format_n_dec = NULL,  
chart_label_number_date_format_advanced = NULL,  
chart_label_number_date_format_negative_sign = NULL,
```

```
chart_label_number_date_format_strip_zeros = NULL,  
chart_label_number_date_format_strip_separator = NULL,  
chart_label_number_date_format_transform_labels = NULL,  
chart_label_number_date_format_transform = NULL,  
chart_label_number_date_format_multiply_divide_constant = NULL,  
chart_label_number_date_format_exponentiate_constant = NULL,  
label_suffix = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,
```

```
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,
```

```

chart_layout_header_logo_margin_bottom = NULL,
chart_layout_header_logo_margin_left = NULL,
chart_layout_footer_align = NULL,
chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL,
chart_url_settings_enabled = NULL,
chart_url_settings_whitelist = NULL
)

```

Arguments

- . The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
- bar_height Height. Flourish type hint: number, defaults to NULL
- bar_background Background. Background color of part of chart that's not filled with data (ie. when filtering parties). Flourish type hint: color, defaults to NULL

show_party_name
Show party name. Flourish type hint: boolean, defaults to NULL

label_font_size
Text size. Flourish type hint: number, defaults to NULL

label_font_color
Text color. Flourish type hint: color, defaults to NULL

use_custom_scale
Scale type. Choices: FALSE, TRUE. On default, will use the sum of all data points as the max value. Enable this setting to use a custom value. Flourish type hint: boolean, defaults to NULL

custom_scale_max
Max value for scale. This will set the maximum value of the scale. Eg. the total amount of seats to be won in an election. Flourish type hint: number, defaults to NULL

middle_line_position
Position. Flourish type hint: number, defaults to NULL

middle_line_content
Text. Flourish type hint: string, defaults to NULL

middle_line_text_color
Color. Flourish type hint: color, defaults to NULL

middle_line_dashoffset
Dash width and offset. Length of dashes and spaces separated by a comma for example, 2,2. Measured in pixels. Flourish type hint: string, defaults to NULL

middle_line_width
Thickness. Flourish type hint: number, defaults to NULL

middle_line_color
Color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
 Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
 Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
 Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
 Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
 Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
 Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
 Size. Flourish type hint: number, defaults to NULL

legend_position
 Position. Choices: below, above. Flourish type hint: string, defaults to NULL

hide_empty_legend_items
 Hide zero-valued entries. Flourish type hint: boolean, defaults to NULL

placeholder_text
 No data placeholder text. Placeholder text if there is no data. Flourish type hint: string, defaults to NULL

subtitle_text
 Text below results. Flourish type hint: string, defaults to NULL

value_change_abbreviation
 Value change abbreviation. A suffix used to describe the change since the previous election. Flourish type hint: string, defaults to NULL

chart_popup_mode
 Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
 Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
 Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
 Popup custom header. You can use various keywords to add information to custom popups. These include: `{{PARTY}}` : name of the party `{{CURRENT}}` : current value `{{HISTORICAL}}` : historical value `{{CHANGE}}` : change between the current and historical values Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main

Popup custom main content. You can use various keywords to add information to custom popups. These include: `{{PARTY}}` : name of the party `{{CURRENT}}` : current value `{{HISTORICAL}}` : historical value `{{CHANGE}}` : change between the current and historical values Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible

Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}, GDP: {{GDP}}`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width

Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size

Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color

Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align

Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background

Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity

Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding

Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius

Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type

Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background

Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color

Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type

List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight

Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_prefix
Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_suffix
Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_n_dec
Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_label_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_label_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_label_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_label_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

label_suffix
Historical label suffix. Suffix used to compare current and historical results. For example, "%" when data measures vote shares, or "seats" when data measures seats won. Flourish type hint: string, defaults to NULL

chart_number_localization_input_decimal_separator
Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
Number format to display. Choices: ,, ,., ,. ,. ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_header_text_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_header_text_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_header_text_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_border`
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_header_border_width`
Width. Flourish type hint: number, defaults to NULL

`chart_layout_header_border_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_header_border_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_header_border_space`
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_enabled`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_header_logo_src`
Image. Flourish type hint: url, defaults to NULL

`chart_layout_header_logo_alt`
Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_link_url`
Link. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_height`
Height. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_align`
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_position_inside`
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_position_outside`
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_margin_top`
Top. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_right`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_bottom`
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_timestamp_format`
 Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_enabled`
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_logo_src`
 Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

`chart_layout_footer_logo_alt`
 Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_link_url`
 Link. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_height`
 Height. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_margin`
 Margin. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_order`
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled
Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist
Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "election_results", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_election_results_chart_data(gapminder) |>
  set_election_results_chart_details()
)
```

set_gantt_details *Set gantt chart chart details*

Description

Set gantt chart chart details

Usage

```
set_gantt_details(
  .,
  gantt_height = NULL,
  gantt_padding = NULL,
  border_radius = NULL,
  border_width = NULL,
  border_color = NULL,
  gantt_progress = NULL,
  gantt_text = NULL,
  gantt_font_size = NULL,
  gantt_text_color = NULL,
  gantt_font_weight = NULL,
```

```
missing_value_label = NULL,  
scale_type = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
color_single = NULL,  
chart_background_color = NULL,  
chart_background_opacity = NULL,  
chart_background_panels = NULL,  
chart_x_axis_axis_position = NULL,  
chart_x_axis_y_axis_position = NULL,  
chart_x_axis_numeric_scale_type = NULL,  
chart_x_axis_linear_min = NULL,  
chart_x_axis_linear_max = NULL,  
chart_x_axis_log_min = NULL,  
chart_x_axis_log_max = NULL,  
chart_x_axis_datetime_min = NULL,  
chart_x_axis_datetime_max = NULL,  
chart_x_axis_flip = NULL,  
chart_x_axis_show_scale_settings = NULL,  
chart_x_axis_nice = NULL,  
chart_x_axis_zero_axis = NULL,  
chart_x_axis_title_mode = NULL,  
chart_x_axis_title = NULL,  
chart_x_axis_title_styling = NULL,
```



```
chart_x_axis_title_weight = NULL,  
chart_x_axis_title_color = NULL,  
chart_x_axis_title_size = NULL,  
chart_x_axis_title_padding = NULL,  
chart_x_axis_tick_label_position = NULL,  
chart_x_axis_tick_label_styling = NULL,  
chart_x_axis_tick_label_size = NULL,  
chart_x_axis_tick_label_color = NULL,  
chart_x_axis_tick_padding = NULL,  
chart_x_axis_tick_label_angle = NULL,  
chart_x_axis_tick_label_weight = NULL,  
chart_x_axis_tick_label_max_lines = NULL,  
chart_x_axis_tick_label_line_height = NULL,  
chart_x_axis_tick_label_space_mode = NULL,  
chart_x_axis_tick_label_space = NULL,  
chart_x_axis_tick_mode = NULL,  
chart_x_axis_tick_number = NULL,  
chart_x_axis_tick_custom = NULL,  
chart_x_axis_line_and_tick_color = NULL,  
chart_x_axis_line_and_tick_width = NULL,  
chart_x_axis_tick_length = NULL,  
chart_x_axis_tick_side = NULL,  
chart_x_axis_line_visible = NULL,  
chart_x_axis_edge_padding = NULL,  
chart_x_axis_gridlines_visible = NULL,  
chart_x_axis_gridlines_styling = NULL,  
chart_x_axis_gridline_color = NULL,  
chart_x_axis_gridline_style = NULL,  
chart_x_axis_gridline_width = NULL,  
chart_x_axis_gridline_category_dividers = NULL,  
chart_x_axis_gridline_category_dividers_extend = NULL,  
date_format = NULL,  
format_locale = NULL,  
format_weekday = NULL,  
format_year = NULL,  
format_month = NULL,  
format_day = NULL,  
format_hour = NULL,  
format_minute = NULL,  
y_font_size = NULL,  
y_font_weight = NULL,  
y_font_fill = NULL,  
y_max_width = NULL,  
y_text_dx = NULL,  
y_text_dy = NULL,  
y_gridline_color = NULL,  
y_gridline_width = NULL,  
chart_filter_controls_control_type = NULL,
```

```
chart_filter_controls_control_styles = NULL,
chart_filter_controls_control_title = NULL,
chart_filter_controls_button_group = NULL,
chart_filter_controls_button_group_width_mode = NULL,
chart_filter_controls_button_group_width_fixed = NULL,
chart_filter_controls_dropdown_width_mode = NULL,
chart_filter_controls_dropdown_width_fixed = NULL,
chart_filter_controls_slider_width = NULL,
chart_filter_controls_slider_max_label_width = NULL,
chart_filter_controls_slider_step_time = NULL,
chart_filter_controls_slider_loop = NULL,
chart_filter_controls_slider_restart_pause = NULL,
chart_filter_controls_sort = NULL,
filter_control_all = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_slider_control_style_track_color = NULL,
chart_slider_control_style_font_color = NULL,
chart_slider_control_style_handle_color = NULL,
chart_slider_control_style_play_color = NULL,
chart_slider_control_style_track_height = NULL,
chart_slider_control_style_handle_height = NULL,
chart_slider_control_style_play_button = NULL,
chart_filter_controls_container_alignment = NULL,
chart_filter_controls_container_controls_spacing = NULL,
chart_categorical_legend_show_legend = NULL,
chart_categorical_legend_title_mode = NULL,
chart_categorical_legend_title = NULL,
```

```
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_continuous_legend_show_legend = NULL,  
chart_continuous_legend_title_mode = NULL,  
chart_continuous_legend_title = NULL,  
chart_continuous_legend_color_band_width = NULL,  
chart_continuous_legend_color_band_height = NULL,  
chart_continuous_legend_color_band_radius = NULL,  
chart_continuous_legend_binned_label_mode = NULL,  
chart_continuous_legend_binned_label_custom = NULL,  
chart_continuous_legend_legend_min = NULL,  
chart_continuous_legend_additional_min_label = NULL,  
chart_continuous_legend_legend_max = NULL,  
chart_continuous_legend_additional_max_label = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,
```

```
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
chart_axes_highlights_x_enabled = NULL,  
chart_axes_highlights_x_lines = NULL,  
chart_axes_highlights_x_line_color = NULL,  
chart_axes_highlights_x_line_width = NULL,  
chart_axes_highlights_x_line_dash = NULL,  
chart_axes_highlights_x_areas = NULL,  
chart_axes_highlights_x_area_color = NULL,  
chart_axes_highlights_x_area_opacity = NULL,  
chart_axes_highlights_x_area_texture = NULL,  
chart_axes_highlights_x_label_vertical = NULL,  
chart_axes_highlights_x_label_y_position = NULL,  
chart_axes_highlights_x_label_x_position = NULL,  
chart_axes_highlights_x_label_max_width = NULL,  
chart_axes_highlights_x_font_size = NULL,  
chart_axes_highlights_x_font_weight = NULL,  
chart_axes_highlights_x_label_color = NULL,  
chart_axes_highlights_x_shadow_color = NULL,  
chart_axes_highlights_x_shadow_enabled = NULL,  
chart_axes_highlights_y_enabled = NULL,
```

```
chart_axes_highlights_y_lines = NULL,  
chart_axes_highlights_y_line_color = NULL,  
chart_axes_highlights_y_line_width = NULL,  
chart_axes_highlights_y_line_dash = NULL,  
chart_axes_highlights_y_areas = NULL,  
chart_axes_highlights_y_area_color = NULL,  
chart_axes_highlights_y_area_opacity = NULL,  
chart_axes_highlights_y_area_texture = NULL,  
chart_axes_highlights_y_label_x_position = NULL,  
chart_axes_highlights_y_label_y_position = NULL,  
chart_axes_highlights_y_label_max_width = NULL,  
chart_axes_highlights_y_font_size = NULL,  
chart_axes_highlights_y_font_weight = NULL,  
chart_axes_highlights_y_label_color = NULL,  
chart_axes_highlights_y_shadow_color = NULL,  
chart_axes_highlights_y_shadow_enabled = NULL,  
animation_duration = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,
```

```
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,
```

```
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,  
chart_layout_footer_align_vertical = NULL,  
chart_layout_footer_border = NULL,  
chart_layout_footer_border_width = NULL,  
chart_layout_footer_border_color = NULL,  
chart_layout_footer_border_style = NULL,  
chart_layout_footer_border_space = NULL,  
chart_layout_screenreader_text_primary = NULL,  
chart_layout_screenreader_label = NULL,  
chart_layout_screenreader_hide_primary = NULL  
)
```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
gantt_height	Height. Choose the height of each bar in rems (i.e. it will scale up and down in relation to screen size). Flourish type hint: number, defaults to NULL
gantt_padding	Padding. Flourish type hint: number, defaults to NULL
border_radius	Roundness. Flourish type hint: number, defaults to NULL
border_width	Border width. Flourish type hint: number, defaults to NULL
border_color	Border color. Flourish type hint: color, defaults to NULL
gantt_progress	Show progress. Choices: TRUE, FALSE. If enabled, each bar will be filled with an overlay relating to the value supplied in the Progress column. Flourish type hint: boolean, defaults to NULL
gantt_text	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
gantt_font_size	Size. Flourish type hint: number, defaults to NULL
gantt_text_color	Color. Flourish type hint: color, defaults to NULL
gantt_font_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
missing_value_label	Label for missing values. If a bar doesn't have a category, the legend will show the placeholder value.. Flourish type hint: string, defaults to NULL
scale_type	Scale type. Choices: categorical, numeric. Flourish type hint: string, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
chart_color_scale_categorical_custom_palette	Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL
chart_color_scale_numeric_type	Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
chart_color_scale_binning	Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

color_single Color. Flourish type hint: color, defaults to NULL

chart_background_color
Color. Flourish type hint: color, defaults to NULL

chart_background_opacity
Opacity. Flourish type hint: number, defaults to NULL

chart_background_panels
Area. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_axis_position
Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom	One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use <code>{{FIRST}}</code> and <code>{{LAST}}</code> to add ticks at the minimum and maximum of the axis. For example: <code>{{FIRST}} 25000 50000 75000 {{LAST}}</code> . Flourish type hint: text, defaults to NULL
chart_x_axis_line_and_tick_color	Line color. Flourish type hint: color, defaults to NULL
chart_x_axis_line_and_tick_width	Line width. Flourish type hint: number, defaults to NULL
chart_x_axis_tick_length	Tick length. Flourish type hint: number, defaults to NULL
chart_x_axis_tick_side	Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL
chart_x_axis_line_visible	Axis line. Flourish type hint: boolean, defaults to NULL
chart_x_axis_edge_padding	Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL
chart_x_axis_gridlines_visible	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_x_axis_gridlines_styling	Styling. Flourish type hint: boolean, defaults to NULL
chart_x_axis_gridline_color	Color. Flourish type hint: color, defaults to NULL
chart_x_axis_gridline_style	Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL
chart_x_axis_gridline_width	Width. Flourish type hint: number, defaults to NULL
chart_x_axis_gridline_category_dividers	Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL
chart_x_axis_gridline_category_dividers_extend	Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL
date_format	Format in data sheet. Choices: auto, <code>%Y-%m-%dT%H:%M:%S.%LZ</code> , <code>%Y-%m-%d</code> , <code>%m/%d/%Y</code> , <code>%d/%m/%Y</code> , <code>%d-%b-%y</code> , <code>%m/%Y</code> , <code>%b %Y</code> , <code>%b %y</code> , <code>%B %d</code> , <code>%d %b</code> , <code>%Y</code> , <code>%B</code> , <code>%b</code> , <code>%A</code> , <code>%a</code> , <code>%H:%M:%S</code> , <code>%I:%M %p</code> , <code>%H:%M</code> . The date/time format in your datasheet. If it isn't in the list, you can enter a custom format using d3-time-format syntax. See <code>npm - d3 time format</code> for details. Flourish type hint: string, defaults to NULL
format_locale	Date and time locale. Choices: none, ady, af-_n_a, af-_z_a, af, ak, ar-_m_a, ar-_s_a, hy-_a_m, ay-_b_o, eu-_e_s, be-_b_y, bn-_b_d, bn-_i_n, bn, bs-_b_a,

my, ck-_u_s, zh-_c_n, zh-_s_g, zh-_hans, zh-_h_k, zh-_t_w, zh-_hant, zh, gx-_g_r, nl-_b_e, nl-_n_l, nl, en-_a_u, en-_c_a, en-_i_n, en-_i_e, en@pirate, en-_z_a, en-_g_b, en-_u_d, en-_u_s, en, eo-_e_o, et-_e_e, fo-_f_o, fi-_f_i, fr-_b_e, fr-_c_a, fr-_f_r, fr-_c_h, fr, fy-_n_l, ff, gl-_e_s, ka-_g_e, de-_a_t, de-_d_e, de-_c_h, de, el-_g_r, el, gn-_p_y, gu-_i_n, ht, is-_i_s, is, ga-_i_e, ga, jv-_i_d, kab, kn-_i_n, kn, cak, kk-_k_z, tlh, ko-_k_r, ko, ku-_t_r, fb-_l_t, li-_n_l, dsb, lb, mk-_m_k, mk, mai, mg-_m_g, mn-_m_n, se-_n_o, nn-_n_o, no, oc, or-_i_n, ps-_a_f, i_r, pt-_b_r, pt-_p_t, pt, pa-_i_n, pa, qu-_p_e, rm-_c_h, sa-_i_n, sr-_r_s, sr, si-_l_k, sk-_s_k, sk, so-_s_o, es-_a_r, es-_c_l, es-_c_o, es-_e_c, es-_m_x, es-_n_i, es-_e_s, es-_u_s, es-_v_e, es, su, sw-_k_e, sw, tt-_r_u, th-_t_h, th, hsb, xh-_z_a, yi-_d_e, yi, zu-_z_a. The regional date/time format (date locale). You can specify each part of the format in the fields below. Flourish type hint: string, defaults to NULL

format_weekday	Weekday. Choices: none, narrow, short, long. Flourish type hint: string, defaults to NULL
format_year	Year. Choices: none, numeric, 2-digit. Flourish type hint: string, defaults to NULL
format_month	Month. Choices: none, numeric, 2-digit, narrow, short, long. Flourish type hint: string, defaults to NULL
format_day	Day. Choices: none, numeric, 2-digit. Flourish type hint: string, defaults to NULL
format_hour	Hour. Choices: none, numeric, 2-digit. Flourish type hint: string, defaults to NULL
format_minute	Minute. Choices: none, numeric, 2-digit. Flourish type hint: string, defaults to NULL
y_font_size	Size. Flourish type hint: number, defaults to NULL
y_font_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
y_font_fill	Color. Flourish type hint: color, defaults to NULL
y_max_width	Max width. Flourish type hint: number, defaults to NULL
y_text_dx	Horizontal padding. Flourish type hint: number, defaults to NULL
y_text_dy	Vertical padding. Flourish type hint: number, defaults to NULL
y_gridline_color	Color. Flourish type hint: color, defaults to NULL
y_gridline_width	Width. Flourish type hint: number, defaults to NULL
chart_filter_controls_control_type	Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL
chart_filter_controls_control_styles	Adv. Flourish type hint: boolean, defaults to NULL
chart_filter_controls_control_title	Control title. Flourish type hint: string, defaults to NULL
chart_filter_controls_button_group	Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_control_all
Name for "All". Leave blank to not include an "All" option. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

`chart_filter_controls_container_alignment`
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_filter_controls_container_controls_spacing`
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_show_legend`
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

`chart_categorical_legend_title_mode`
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

`chart_categorical_legend_title`
Title. Flourish type hint: string, defaults to NULL

`chart_categorical_legend_swatch_width`
Width. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_height`
Height. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_radius`
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_legend_items_padding`
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_outline`
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

`chart_categorical_legend_swatch_outline_color`
Color. Flourish type hint: color, defaults to NULL

`chart_categorical_legend_order_override`
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

`chart_categorical_legend_icon_height`
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_icon_color`
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

`chart_categorical_legend_max_width`
Max width. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_orientation`
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

`chart_continuous_legend_show_legend`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_continuous_legend_title_mode`
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_continuous_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_continuous_legend_color_band_width
Width. Flourish type hint: number, defaults to NULL

chart_continuous_legend_color_band_height
Height. Flourish type hint: number, defaults to NULL

chart_continuous_legend_color_band_radius
Roundness. The radius of the corners of the color band (in pixels). Flourish type hint: number, defaults to NULL

chart_continuous_legend_binned_label_mode
Binned label mode. Choices: thresholds, centers, custom. Flourish type hint: string, defaults to NULL

chart_continuous_legend_binned_label_custom
Custom bin labels. List numeric values, separated by semi-colons. Flourish type hint: string, defaults to NULL

chart_continuous_legend_legend_min
Legend min. Flourish type hint: number, defaults to NULL

chart_continuous_legend_additional_min_label
Custom min label. Flourish type hint: string, defaults to NULL

chart_continuous_legend_legend_max
Legend max. Flourish type hint: number, defaults to NULL

chart_continuous_legend_additional_max_label
Custom max label. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_popup_mode
Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
Show popup styles. Flourish type hint: boolean, defaults to NULL

`chart_popup_popup_custom_header`

Popup custom header. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: `html`, defaults to `NULL`

`chart_popup_popup_custom_main`

Popup custom main content. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: `html`, defaults to `NULL`

`chart_popup_popup_custom_accessible`

Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an `aria-label` attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}`, `GD`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: `text`, defaults to `NULL`

`chart_popup_popup_width`

Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_font_size`

Text size. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_text_color`

Text color. Flourish type hint: `color`, defaults to `NULL`

`chart_popup_popup_align`

Align. Choices: `start`, `center`, `end`. Flourish type hint: `string`, defaults to `NULL`

`chart_popup_popup_background`

Fill color. Flourish type hint: `color`, defaults to `NULL`

`chart_popup_popup_background_opacity`

Fill opacity. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_padding`

Padding. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_radius`

Radius. Corner radius of popup. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_header_type`

Header style. Choices: `block`, `inline`. Flourish type hint: `string`, defaults to `NULL`

`chart_popup_popup_header_background`

Background. Flourish type hint: `color`, defaults to `NULL`

`chart_popup_popup_header_text_color`

Text. Flourish type hint: `color`, defaults to `NULL`

chart_popup_popup_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column` For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_enabled
Show highlights on the x axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_lines
One per line, in format “My label :: 2012”. One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart. Use the format: My label :: 2012 :: line_color / text_color :: facet_name. For example, My label :: 2012 :: #eb0000 / #0084bd :: Category 1. If

you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_line_color

Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_line_width

Line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_line_dash

Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_areas

One per line, in format “My label :: 2013 » 2015”. One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example, My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1. Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_area_color

Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_area_opacity

Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_area_texture

Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_vertical

Vertical. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_label_y_position

Y position. Choices: bottom, middle, top. Vertically position the label at the top, bottom or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_x_position

X position. Choices: left, middle, right. Horizontally position the label on the left, the right or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_max_width

Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_size

Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_weight

Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_color

Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_color

Shadow. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_x_shadow_enabled`
 Shadow. Flourish type hint: boolean, defaults to NULL

`chart_axes_highlights_y_enabled`
 Show highlights on the y axis. Flourish type hint: boolean, defaults to NULL

`chart_axes_highlights_y_lines`
 One per line, in format “My label :: 5000”. One per line, using the format :
 My label :: 2012 For dates, use the input format as specified in the datasheet.
 You can optionally specify a line color and a text color For visualizations using
 a grid of charts , you can apply the annotation only on a specific chart Use the
 format: My label :: 2012 :: line_color / text_color :: facet_name.
 For example: My label :: 2012 :: #eb0000 / #0084bd :: Category 1. If
 you want to add an annotation to just one specific chart but do not want to color
 the line/text, you can leave that part blank. For example: My label :: 2012 :: ::
 Category 1 Flourish type hint: text, defaults to NULL

`chart_axes_highlights_y_line_color`
 Line color. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_y_line_width`
 line width. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_y_line_dash`
 Dash. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_y_areas`
 One per line, in format “My label :: 2000 » 8000”. One per line, using the for-
 mat : My label :: date » date For dates, use the input format as specified in the
 datasheet. You can optionally specify a line color and a text color For visualiza-
 tions using a grid of charts , you can apply the annotation only on a specific chart
 Use the format: My label :: 2012 :: area_color / text_color :: facet_name For ex-
 ample: My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1.
 Flourish type hint: text, defaults to NULL

`chart_axes_highlights_y_area_color`
 Area. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_y_area_opacity`
 Area opacity. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_y_area_texture`
 Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flour-
 ish type hint: string, defaults to NULL

`chart_axes_highlights_y_label_x_position`
 X position. Choices: left, middle, right. Horizontally position label on the left,
 the middle or the right end of the line. This setting will be ignored if there is
 not enough space for the selected position. Flourish type hint: string, defaults to
 NULL

`chart_axes_highlights_y_label_y_position`
 Y position. Choices: above, middle, below. Vertically position the label above,
 below or in the middle of the line. This setting will be ignored if there is not
 enough space for the selected position. Flourish type hint: string, defaults to
 NULL

`chart_axes_highlights_y_label_max_width`
 Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_size
Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_weight
Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_color
Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_color
Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_enabled
Shadow. Flourish type hint: boolean, defaults to NULL

animation_duration
Animation duration. The duration, in seconds, of transitions for example, on load of visualization or between two slides in a story Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "gantt", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_gantt_data(gapminder) |>
  set_gantt_details()
)
```

set_gauge_details *Set gauge chart details*

Description

Set gauge chart details

Usage

```
set_gauge_details(  
    .,  
    gauge_radial_extent = NULL,  
    gauge_radial_extent_custom = NULL,  
    gauge_width = NULL,  
    gauge_width_custom = NULL,  
    gauge_scale_domain = NULL,  
    gauge_scale_domain_min = NULL,  
    gauge_scale_domain_max = NULL,  
    gauge_color = NULL,  
    gauge_opacity = NULL,  
    gauge_border_color = NULL,  
    gauge_border_size = NULL,  
    height_mode = NULL,  
    aspect_ratio = NULL,  
    aspect_ratio_custom = NULL,  
    add_aspect_ratio_mobile = NULL,  
    breakpoint = NULL,  
    aspect_ratio_mobile = NULL,  
    aspect_ratio_mobile_custom = NULL,  
    chart_facet_columns_fixed = NULL,  
    chart_facet_columns = NULL,  
    chart_facet_min_width = NULL,  
    chart_facet_min_width_fixed = NULL,  
    chart_facet_custom_grid = NULL,  
    chart_facet_custom_positions = NULL,  
    chart_facet_max_width = NULL,  
    chart_facet_gutter_w = NULL,  
    chart_facet_gutter_h = NULL,  
    chart_facet_animation = NULL,  
    chart_facet_titles = NULL,  
    chart_facet_title_align = NULL,  
    chart_facet_title_size = NULL,  
    chart_facet_title_unit = NULL,  
    chart_facet_title_color = NULL,  
    chart_facet_title_padding_top = NULL,  
    chart_facet_title_padding_bottom = NULL,  
    chart_facet_title_bg = NULL,  
    .  
)
```

```
chart_facet_title_bg_color = NULL,  
chart_facet_title_bg_padding = NULL,  
segment_width = NULL,  
segment_width_custom = NULL,  
segment_number = NULL,  
segment_fixed_number = NULL,  
segment_custom = NULL,  
segment_labels = NULL,  
segment_label_size = NULL,  
segment_label_size_custom = NULL,  
segment_label_weight = NULL,  
segment_label_rotation = NULL,  
segment_label_color = NULL,  
segment_label_padding = NULL,  
color_type = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
ticks_mode = NULL,  
ticks_number = NULL,  
ticks_custom = NULL,  
ticks_width = NULL,  
ticks_color = NULL,  
ticks_length = NULL,  
ticks_length_custom = NULL,
```

```
ticks_animation = NULL,  
ticks_animation_duration = NULL,  
intermediate_ticks = NULL,  
intermediate_ticks_number = NULL,  
intermediate_ticks_width = NULL,  
ticks_direction = NULL,  
label_position = NULL,  
ticks_label_padding = NULL,  
ticks_label_color = NULL,  
label_rotation = NULL,  
label_flip = NULL,  
ticks_label_size = NULL,  
ticks_label_size_custom = NULL,  
ticks_label_weight = NULL,  
needle_size = NULL,  
needle_size_custom = NULL,  
needle_hand_length = NULL,  
needle_hand_length_custom = NULL,  
needle_color = NULL,  
needle_color_custom = NULL,  
needle_centre_size = NULL,  
needle_centre_size_custom = NULL,  
needle_centre_stroke_width = NULL,  
needle_centre_stroke = NULL,  
needle_animation = NULL,  
needle_animation_duration = NULL,  
jitter = NULL,  
jitter_speed = NULL,  
gauge_text_align = NULL,  
gauge_text_position = NULL,  
gauge_text_position_flip = NULL,  
gauge_name_size = NULL,  
gauge_name_size_custom = NULL,  
gauge_name_styling = NULL,  
gauge_name_weight = NULL,  
gauge_name_color = NULL,  
gauge_name_color_custom = NULL,  
gauge_name_space_above = NULL,  
gauge_name_space_above_custom = NULL,  
gauge_name_space_below = NULL,  
gauge_name_space_below_custom = NULL,  
gauge_value_size = NULL,  
gauge_value_size_custom = NULL,  
gauge_value_styling = NULL,  
gauge_value_weight = NULL,  
gauge_value_color = NULL,  
gauge_value_color_custom = NULL,  
gauge_value_space_above = NULL,
```



```
gauge_value_space_above_custom = NULL,  
gauge_value_space_below = NULL,  
gauge_value_space_below_custom = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,
```

```
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,
```

```
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,
```

```

chart_layout_header_logo_margin_top = NULL,
chart_layout_header_logo_margin_right = NULL,
chart_layout_header_logo_margin_bottom = NULL,
chart_layout_header_logo_margin_left = NULL,
chart_layout_footer_align = NULL,
chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

```

.           The prior Flourish object. No need to specify name if piping graph as the graph
           will take the first argument (i.e. the prior existing graph).

gauge_radial_extent
           Shape. Choices: 90, 180, 270, custom. Flourish type hint: string, defaults to
           NULL

```

gauge_radial_extent_custom	Angle. Flourish type hint: number, defaults to NULL
gauge_width	Inner radius. Choices: 1, 0.75, 0.5, custom. Flourish type hint: string, defaults to NULL
gauge_width_custom	Custom. Flourish type hint: number, defaults to NULL
gauge_scale_domain	Range. Choices: auto, custom. Flourish type hint: string, defaults to NULL
gauge_scale_domain_min	Min. Flourish type hint: number, defaults to NULL
gauge_scale_domain_max	Max. Flourish type hint: number, defaults to NULL
gauge_color	Color. Flourish type hint: color, defaults to NULL
gauge_opacity	Opacity. Flourish type hint: number, defaults to NULL
gauge_border_color	Border. Flourish type hint: color, defaults to NULL
gauge_border_size	Border size. Flourish type hint: number, defaults to NULL
height_mode	Height mode. Choices: auto, standard, aspect. Auto: sets the height based on the chart type, data and width. Standard: default Flourish responsive sizing. Aspect ratio: sets the aspect of each plot. This setting is ignored when embedded in a fixed-height context, such as a simple Iframe embed. Flourish type hint: string, defaults to NULL
aspect_ratio	Aspect ratio. Choices: 0.75, 1, 1.5, custom. Flourish type hint: string, defaults to NULL
aspect_ratio_custom	Custom. 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
add_aspect_ratio_mobile	Mobile aspect ratio. Choices: disabled, enabled. Flourish type hint: string, defaults to NULL
breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
aspect_ratio_mobile	Mobile aspect ratio. Choices: 0.75, 1, 1.5, custom. Flourish type hint: string, defaults to NULL
aspect_ratio_mobile_custom	Custom. 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
chart_facet_columns_fixed	Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL
chart_facet_columns	Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL

- `chart_facet_min_width`
Min gauge width. Determines the minimum size (in pixels) at which each gauge will appear. Ignored if you specify a fixed number of columns. Flourish type hint: number, defaults to NULL
- `chart_facet_min_width_fixed`
Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL
- `chart_facet_custom_grid`
Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL
- `chart_facet_custom_positions`
Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL
- `chart_facet_max_width`
Max gauge width. Determines the maximum size (in pixels) at which each gauge will appear. Ignored if you specify a fixed number of columns. Flourish type hint: number, defaults to NULL
- `chart_facet_gutter_w`
Horizontal margin. Flourish type hint: number, defaults to NULL
- `chart_facet_gutter_h`
Vertical margin. Flourish type hint: number, defaults to NULL
- `chart_facet_animation`
On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL
- `chart_facet_titles`
Show titles. Flourish type hint: boolean, defaults to NULL
- `chart_facet_title_align`
Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL
- `chart_facet_title_size`
Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL
- `chart_facet_title_unit`
Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL
- `chart_facet_title_color`
Color. Flourish type hint: color, defaults to NULL
- `chart_facet_title_padding_top`
Space above. Flourish type hint: number, defaults to NULL
- `chart_facet_title_padding_bottom`
Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg	Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL
chart_facet_title_bg_color	Background color. Flourish type hint: color, defaults to NULL
chart_facet_title_bg_padding	Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL
segment_width	Size. Choices: 0.1, 0.2, 1, custom. Flourish type hint: string, defaults to NULL
segment_width_custom	Custom. Flourish type hint: number, defaults to NULL
segment_number	Number. Choices: auto, fixed, custom. Flourish type hint: string, defaults to NULL
segment_fixed_number	Number. Flourish type hint: number, defaults to NULL
segment_custom	Two values per line in the following format 0 :: 5. Flourish type hint: text, defaults to NULL
segment_labels	One label per line. If the number of segments is Fixed, labels will be added to each segment according to the order they appear in the gauge. If the number of segments is Custom, labels will be added to each segment according to the order in the custom segments have been inputted. Flourish type hint: text, defaults to NULL
segment_label_size	Size. Choices: auto, 0.8, 1, 1.2, custom. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to NULL
segment_label_size_custom	Custom. In rems, a multiple of the pages base font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL
segment_label_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
segment_label_rotation	Rotation. Choices: none, ring. Flourish type hint: string, defaults to NULL
segment_label_color	Color. Flourish type hint: color, defaults to NULL
segment_label_padding	Padding. Flourish type hint: number, defaults to NULL
color_type	Choices: categorical, numeric. Flourish type hint: string, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

`chart_color_scale_binning`
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to NULL

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_sequential_domain_max`
Max. Flourish type hint: number, defaults to NULL

`chart_color_scale_diverging_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_diverging_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min	Minimum color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_custom_mid	Midpoint color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_custom_max	Maximum color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_color_space	Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL
chart_color_scale_diverging_custom_domain	Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_color_scale_diverging_domain_min	Min. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_domain_mid	Mid. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_domain_max	Max. Flourish type hint: number, defaults to NULL
ticks_mode	Mode. Choices: none, auto, number, custom. Flourish type hint: string, defaults to NULL
ticks_number	Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL
ticks_custom	One tick value per line. Flourish type hint: text, defaults to NULL
ticks_width	Width. Flourish type hint: number, defaults to NULL
ticks_color	Color. Flourish type hint: color, defaults to NULL
ticks_length	Size. Choices: 0.1, 0.2, 0.3, custom. Flourish type hint: string, defaults to NULL
ticks_length_custom	Custom. Flourish type hint: number, defaults to NULL
ticks_animation	Animation. Choices: disabled, enabled. Flourish type hint: string, defaults to NULL
ticks_animation_duration	Duration. The duration, in seconds, of the transitions for example, between two slides in a story Flourish type hint: number, defaults to NULL
intermediate_ticks	Intermediate ticks. Choices: off, on. Flourish type hint: string, defaults to NULL
intermediate_ticks_number	Number. Approximate number of intermediate ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL
intermediate_ticks_width	Size. As a proportion of the tick size. Flourish type hint: number, defaults to NULL
ticks_direction	Direction. Choices: inwards, outwards. Flourish type hint: string, defaults to NULL

label_position	Position. Choices: inside, outside. Flourish type hint: string, defaults to NULL
ticks_label_padding	Space. Flourish type hint: number, defaults to NULL
ticks_label_color	Color. Flourish type hint: color, defaults to NULL
label_rotation	Rotation. Choices: none, auto, ring. Flourish type hint: string, defaults to NULL
label_flip	Auto flip. Automatically flip when labels become less legible. Flourish type hint: boolean, defaults to NULL
ticks_label_size	Size. Choices: 1, 1.5, 2, custom. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to NULL
ticks_label_size_custom	Custom. In rems, a multiple of the pages base font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL
ticks_label_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
needle_size	Size. Choices: 0.03, 0.06, 0.09, custom. Flourish type hint: string, defaults to NULL
needle_size_custom	Custom. Flourish type hint: number, defaults to NULL
needle_hand_length	Length. Choices: 0.5, 0.75, 1, custom. Flourish type hint: string, defaults to NULL
needle_hand_length_custom	Custom. Flourish type hint: number, defaults to NULL
needle_color	Color. Choices: gauge, custom. Flourish type hint: string, defaults to NULL
needle_color_custom	Flourish type hint: color, defaults to NULL
needle_centre_size	Size. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL
needle_centre_size_custom	Custom. Flourish type hint: number, defaults to NULL
needle_centre_stroke_width	Border width. Flourish type hint: number, defaults to NULL
needle_centre_stroke	Border color. Flourish type hint: color, defaults to NULL
needle_animation	Animation. Choices: disabled, enabled. Flourish type hint: string, defaults to NULL
needle_animation_duration	Duration. The duration, in seconds, of the transitions for example, between two slides in a story Flourish type hint: number, defaults to NULL
jitter	Amplitude. Choices: none, low, medium, high. Sets how much the gauge needle moves when it animates up and down. To turn off the animation click None-Flourish type hint: string, defaults to NULL

`jitter_speed` Speed. Flourish type hint: number, defaults to NULL

`gauge_text_align` Alignment. Choices: start, middle, end. Flourish type hint: string, defaults to NULL

`gauge_text_position` Position. Choices: above, below, split. Flourish type hint: string, defaults to NULL

`gauge_text_position_flip` Flip order. Flourish type hint: boolean, defaults to NULL

`gauge_name_size` Size. Choices: 1, 1.5, 2, custom. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to NULL

`gauge_name_size_custom` Custom. In rems, a multiple of the pages base font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`gauge_name_styling` Change styling. Flourish type hint: boolean, defaults to NULL

`gauge_name_weight` Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`gauge_name_color` Color. Choices: gauge, custom. Flourish type hint: string, defaults to NULL

`gauge_name_color_custom` Flourish type hint: color, defaults to NULL

`gauge_name_space_above` Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`gauge_name_space_above_custom` Custom. Flourish type hint: number, defaults to NULL

`gauge_name_space_below` Space below. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`gauge_name_space_below_custom` Custom. Flourish type hint: number, defaults to NULL

`gauge_value_size` Size. Choices: 1, 1.5, 2, custom. In rems, a multiple of the pages base font size. Flourish type hint: string, defaults to NULL

`gauge_value_size_custom` Custom. In rems, a multiple of the pages base font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`gauge_value_styling` Change styling. Flourish type hint: boolean, defaults to NULL

`gauge_value_weight` Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`gauge_value_color` Color. Choices: gauge, custom. Flourish type hint: string, defaults to NULL

gauge_value_color_custom
Flourish type hint: color, defaults to NULL

gauge_value_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

gauge_value_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

gauge_value_space_below
Space below. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

gauge_value_space_below_custom
Custom. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_filter_controls_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order	Position. Choices: left, right. Flourish type hint: string, defaults to NULL
chart_layout_footer_align_vertical	V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL
chart_layout_footer_border	Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_width	Width. Flourish type hint: number, defaults to NULL
chart_layout_footer_border_color	Color. Flourish type hint: color, defaults to NULL
chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "gauge", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_gauge_data(gapminder) |>
  set_gauge_details()
)
```

set_hierarchy_details *Set hierarchy chart details*

Description

Set hierarchy chart details

Usage

```
set_hierarchy_details(  
    .,  
    sort_by = NULL,  
    aggregation_type = NULL,  
    num_of_visible_levels = NULL,  
    auto_set_height = NULL,  
    treemap_aspect_ratio_normal = NULL,  
    treemap_aspect_ratio_narrow = NULL,  
    responsive_narrow_breakpoint = NULL,  
    treemap_type = NULL,  
    treemap_ratio = NULL,  
    cellPadding = NULL,  
    sunburst_depth_fade = NULL,  
    sunburst_labelling = NULL,  
    sunburst_inner_radius = NULL,  
    sunburst_show_zoomed_node_in_center = NULL,  
    bar_min_bar_thickness = NULL,  
    bar_max_bar_thickness = NULL,  
    bar_bar_padding = NULL,  
    bar_max_value = NULL,  
    radial_tree_outer_radius = NULL,  
    radial_tree_bar_length = NULL,  
    radial_tree_bar_width = NULL,  
    radial_tree_rotation = NULL,  
    label_color = NULL,  
    label_size = NULL,  
    min_label_size = NULL,  
    max_label_size = NULL,  
    label_padding = NULL,  
    label_case = NULL,  
    label_weight = NULL,  
    bar_axis_label_size = NULL,  
    bar_axis_labels_above = NULL,  
    bar_axis_label_space = NULL,  
    multi_line_labels = NULL,  
    show_value_labels = NULL,  
    bar_value_label_space = NULL,  
    value_label_bold = NULL,
```

```
value_label_relative_size = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
stroke_color = NULL,  
axis_label_color = NULL,  
radial_tree_colored_links = NULL,  
radial_tree_link_color = NULL,  
legend_mode = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,
```

```
chart_categorical_legend_icon_height = NULL,
chart_categorical_legend_icon_color = NULL,
chart_categorical_legend_max_width = NULL,
chart_categorical_legend_orientation = NULL,
legend_position = NULL,
chart_popup_mode = NULL,
chart_popup_popup_is_custom = NULL,
chart_popup_show_popup_styles = NULL,
chart_popup_popup_custom_header = NULL,
chart_popup_popup_custom_main = NULL,
chart_popup_popup_custom_accessible = NULL,
chart_popup_popup_width = NULL,
chart_popup_popup_font_size = NULL,
chart_popup_popup_text_color = NULL,
chart_popup_popup_align = NULL,
chart_popup_popup_background = NULL,
chart_popup_popup_background_opacity = NULL,
chart_popup_popup_padding = NULL,
chart_popup_popup_radius = NULL,
chart_popup_popup_header_type = NULL,
chart_popup_popup_header_background = NULL,
chart_popup_popup_header_text_color = NULL,
chart_popup_popup_list_type = NULL,
chart_popup_popup_list_label_weight = NULL,
chart_popup_popup_list_separator = NULL,
chart_popup_popup_shadow = NULL,
chart_popup_popup_pointer = NULL,
chart_popup_panel_position = NULL,
chart_popup_panel_open_duration = NULL,
chart_popup_panel_side_fixed = NULL,
chart_popup_panel_side_default_content = NULL,
chart_popup_panel_is_custom = NULL,
chart_popup_show_panel_styles = NULL,
chart_popup_panel_custom_header = NULL,
chart_popup_panel_custom_main = NULL,
chart_popup_panel_width_overlay = NULL,
chart_popup_panel_height_overlay = NULL,
chart_popup_panel_width_side = NULL,
chart_popup_panel_height_side = NULL,
chart_popup_panel_max_width = NULL,
chart_popup_panel_max_height = NULL,
chart_popup_panel_vertical_position = NULL,
chart_popup_panel_text_color = NULL,
chart_popup_panel_font_size = NULL,
chart_popup_panel_align = NULL,
chart_popup_panel_background = NULL,
chart_popup_panel_background_opacity = NULL,
chart_popup_panel_padding = NULL,
```



```
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
popup_active_levels = NULL,  
filter_control_visibility = NULL,  
filter_include_all = NULL,  
filter_all_label = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
size_by_control_visibility = NULL,  
chart_size_filter_controls_control_type = NULL,  
chart_size_filter_controls_control_styles = NULL,  
chart_size_filter_controls_control_title = NULL,  
chart_size_filter_controls_button_group = NULL,  
chart_size_filter_controls_button_group_width_mode = NULL,  
chart_size_filter_controls_button_group_width_fixed = NULL,  
chart_size_filter_controls_dropdown_width_mode = NULL,  
chart_size_filter_controls_dropdown_width_fixed = NULL,  
chart_size_filter_controls_slider_width = NULL,  
chart_size_filter_controls_slider_max_label_width = NULL,  
chart_size_filter_controls_slider_step_time = NULL,  
chart_size_filter_controls_slider_loop = NULL,  
chart_size_filter_controls_slider_restart_pause = NULL,  
chart_size_filter_controls_sort = NULL,  
ascend_button_visibility = NULL,  
zoom_out_button_color = NULL,  
zoom_out_arrow_color = NULL,  
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,
```

```
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_slider_control_style_track_color = NULL,
chart_slider_control_style_font_color = NULL,
chart_slider_control_style_handle_color = NULL,
chart_slider_control_style_play_color = NULL,
chart_slider_control_style_track_height = NULL,
chart_slider_control_style_handle_height = NULL,
chart_slider_control_style_play_button = NULL,
animation_duration = NULL,
size_by_number_formatter_prefix = NULL,
size_by_number_formatter_suffix = NULL,
size_by_number_formatter_n_dec = NULL,
size_by_number_formatter_advanced = NULL,
size_by_number_formatter_negative_sign = NULL,
size_by_number_formatter_strip_zeros = NULL,
size_by_number_formatter_strip_separator = NULL,
size_by_number_formatter_transform_labels = NULL,
size_by_number_formatter_transform = NULL,
size_by_number_formatter_multiply_divide_constant = NULL,
size_by_number_formatter_exponentiate_constant = NULL,
filter_number_formatter_prefix = NULL,
filter_number_formatter_suffix = NULL,
filter_number_formatter_n_dec = NULL,
filter_number_formatter_advanced = NULL,
filter_number_formatter_negative_sign = NULL,
filter_number_formatter_strip_zeros = NULL,
filter_number_formatter_strip_separator = NULL,
filter_number_formatter_transform_labels = NULL,
filter_number_formatter_transform = NULL,
filter_number_formatter_multiply_divide_constant = NULL,
filter_number_formatter_exponentiate_constant = NULL,
chart_layout_body_font = NULL,
```

```
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,
```

```
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,
```

```

chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL,
chart_url_settings_enabled = NULL,
chart_url_settings_whitelist = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
sort_by	Sort by. Choices: data, value, name. Sort cells by value or by name. (In the Circles layout, the circles are placed in the specified order following an approximately spiral path.). Flourish type hint: string, defaults to NULL
aggregation_type	Size cells by. Choices: sum, count. Flourish type hint: string, defaults to NULL
num_of_visible_levels	Depth. How many hierarchy levels are visible at once. Flourish type hint: number, defaults to NULL
auto_set_height	Automatic height. Choices: TRUE, FALSE. Whether responsive embeds can adjust their height automatically. Ignored in simple Iframe embeds, Canva and other fixed-height contexts. Flourish type hint: boolean, defaults to NULL

treemap_aspect_ratio_normal	Aspect (desktop). Height of treemap, as % of width. Flourish type hint: number, defaults to NULL
treemap_aspect_ratio_narrow	Aspect (mobile). Height of treemap, as % of width. Flourish type hint: number, defaults to NULL
responsive_narrow_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
treemap_type	Tile layout. Choices: treemap_binary, treemap_resquarify, treemap_slice, treemap_dice, treemap_slice_dice. Flourish type hint: string, defaults to NULL
treemap_ratio	Target. The target ratio between width and height, where 1 is square and a large number is a tall or wide rectangle. Flourish type hint: number, defaults to NULL
cellPadding	Padding. Choices: low, medium, high. Flourish type hint: string, defaults to NULL
sunburst_depth_fade	Fade. How quickly the segments fade with hierarchical depth. (Use 1 for no fade.). Flourish type hint: number, defaults to NULL
sunburst_labelling	Orientation. Choices: auto, radial, circular. How the labels should be oriented. Flourish type hint: string, defaults to NULL
sunburst_inner_radius	Hole size. As a % of overall radius. Flourish type hint: number, defaults to NULL
sunburst_show_zoomed_node_in_center	Show zoomed node in center. Show zoomed node as a circle in the center of the sunburst chart. (If not zoomed, the space is left blank.). Flourish type hint: boolean, defaults to NULL
bar_min_bar_thickness	Height. Minimum bar thickness in pixels. This also determines bar thickness if Automatic height is selected and container height isn't fixed. Flourish type hint: number, defaults to NULL
bar_max_bar_thickness	Max height. Maximum bar thickness in pixels. Applies when Automatic height is false. Flourish type hint: number, defaults to NULL
bar_bar_padding	Spacing. Distance between bars in pixels. Flourish type hint: number, defaults to NULL
bar_max_value	Max value. The maximum value represented by bar length (leave blank for auto-scaling). Flourish type hint: number, defaults to NULL
radial_tree_outer_radius	Outer radius (%). Radius of outer nodes (as a percent of the container size). Flourish type hint: number, defaults to NULL
radial_tree_bar_length	Bar length (%). Bar length (as a percent of the container size). Flourish type hint: number, defaults to NULL

radial_tree_bar_width	Bar width (pixels). Bar width in pixels. Flourish type hint: number, defaults to NULL
radial_tree_rotation	Rotation (degrees). Rotates the whole tree. Flourish type hint: number, defaults to NULL
label_color	Color. Flourish type hint: color, defaults to NULL
label_size	Label size. Label size in rems Flourish type hint: number, defaults to NULL
min_label_size	Min size. Minimum label size, in rems Flourish type hint: number, defaults to NULL
max_label_size	Max size. Max label size, in rems Flourish type hint: number, defaults to NULL
label_padding	Padding. Padding between label and border, in rems Flourish type hint: number, defaults to NULL
label_case	Label case. Choices: all_upper_case, all_lower_case, top_upper_case, bottom_upper_case. Determines whether labels are lower or upper case. Items at the top level of the hierarchy can have a different case to the remaining items. Flourish type hint: string, defaults to NULL
label_weight	Label weight. Choices: all_normal, all_bold, top_bold, bottom_bold. Determines the font weight (normal or bold) of labels. Items at the top level of the hierarchy can have a different weight to the remaining items. Flourish type hint: string, defaults to NULL
bar_axis_label_size	Label size. Axis label size, in rems Flourish type hint: number, defaults to NULL
bar_axis_labels_above	Position. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
bar_axis_label_space	Width. Space available for axis labels, in rems Flourish type hint: number, defaults to NULL
multi_line_labels	Wrap long labels. Display long labels across multiple lines where possible. Currently supported in treemap and circle packing. Flourish type hint: boolean, defaults to NULL
show_value_labels	Show values. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
bar_value_label_space	Space. Space available for value labels, in rems Flourish type hint: number, defaults to NULL
value_label_bold	Bold. Flourish type hint: boolean, defaults to NULL
value_label_relative_size	Relative size. The size of the value label relative to the name label. Flourish type hint: number, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL

`chart_color_scale_categorical_extend`
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

`chart_color_scale_binning`
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to NULL

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_sequential_domain_max`
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

stroke_color
Stroke color. Flourish type hint: color, defaults to NULL

axis_label_color
Axis color. Flourish type hint: color, defaults to NULL

radial_tree_colored_links
Colored links. Use colored links. Flourish type hint: boolean, defaults to NULL

radial_tree_link_color
Radial tree link color. Flourish type hint: color, defaults to NULL

legend_mode
Legend mode. Choices: on, off. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

`chart_categorical_legend_title_mode`
 Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

`chart_categorical_legend_title`
 Title. Flourish type hint: string, defaults to NULL

`chart_categorical_legend_swatch_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_height`
 Height. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_radius`
 Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_legend_items_padding`
 Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_swatch_outline`
 Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

`chart_categorical_legend_swatch_outline_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_categorical_legend_order_override`
 Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

`chart_categorical_legend_icon_height`
 Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

`chart_categorical_legend_icon_color`
 Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

`chart_categorical_legend_max_width`
 Max width. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_orientation`
 Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

`legend_position`
 Legend position. Choices: above, below. Flourish type hint: string, defaults to NULL

`chart_popup_mode`
 Choices: none, popup, both. Flourish type hint: string, defaults to NULL

`chart_popup_popup_is_custom`
 Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_popup_show_popup_styles`
 Show popup styles. Flourish type hint: boolean, defaults to NULL

`chart_popup_popup_custom_header`
 Popup custom header. The text to appear in the popup. You can use `{{column_name}}` to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. You

can also use `{{NAME}}` to include the name of the current item, `{{VALUE}}` to include the value of the current item and `{{SIZEBY}}` to include the name of the column chosen to size items. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{#if column_name}}Text to display when column_name is not empty{{/if}}`. For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`. Flourish type hint: html, defaults to NULL

`chart_popup_popup_custom_main`

Popup custom main content. The text to appear in the popup. You can use `{{column_name}}` to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. You can also use `{{NAME}}` to include the name of the current item, `{{VALUE}}` to include the value of the current item and `{{SIZEBY}}` to include the name of the column chosen to size items. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{#if column_name}}Text to display when column_name is not empty{{/if}}`. For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`. Flourish type hint: html, defaults to NULL

`chart_popup_popup_custom_accessible`

Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}`, `GD`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

`chart_popup_popup_width`

Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

`chart_popup_popup_font_size`

Text size. Flourish type hint: number, defaults to NULL

`chart_popup_popup_text_color`

Text color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_align`

Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_popup_popup_background`

Fill color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_background_opacity`

Fill opacity. Flourish type hint: number, defaults to NULL

`chart_popup_popup_padding`

Padding. Flourish type hint: number, defaults to NULL

`chart_popup_popup_radius`

Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

`chart_popup_popup_header_type`

Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

`chart_popup_popup_header_background`

Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. The text to appear in the panel. You can use `{{column_name}}` to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the panel. You can also use `{{NAME}}` to include the name of the current item, `{{VALUE}}` to include the value of the current item and `{{SIZEBY}}` to include the name of the column chosen to size items. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{#if column_name}}Text to display when column_name is not empty{{/if}}`. For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. The text to appear in the panel. You can use `{{column_name}}` to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the panel. You can also use `{{NAME}}` to include the name of the current item, `{{VALUE}}` to include the value of the current item and `{{SIZEBY}}` to include the name of the column chosen to size items. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{#if column_name}}Text to display when column_name`

For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`.
 Flourish type hint: html, defaults to NULL

`chart_popup_panel_width_overlay`
 Width (%). Flourish type hint: number, defaults to NULL

`chart_popup_panel_height_overlay`
 Height (%). Flourish type hint: number, defaults to NULL

`chart_popup_panel_width_side`
 Width (%). Flourish type hint: number, defaults to NULL

`chart_popup_panel_height_side`
 Height (%). Flourish type hint: number, defaults to NULL

`chart_popup_panel_max_width`
 Max width (px). Flourish type hint: number, defaults to NULL

`chart_popup_panel_max_height`
 Max height (px). Flourish type hint: number, defaults to NULL

`chart_popup_panel_vertical_position`
 Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

`chart_popup_panel_text_color`
 Text color. Flourish type hint: color, defaults to NULL

`chart_popup_panel_font_size`
 Text size. Flourish type hint: number, defaults to NULL

`chart_popup_panel_align`
 Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_popup_panel_background`
 Fill color. Flourish type hint: color, defaults to NULL

`chart_popup_panel_background_opacity`
 Fill opacity. Flourish type hint: number, defaults to NULL

`chart_popup_panel_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_popup_panel_radius`
 Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

`chart_popup_panel_list_type`
 List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

`chart_popup_panel_list_label_weight`
 Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

`chart_popup_panel_list_separator`
 List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

`chart_popup_panel_shadow`
 Shadow. Flourish type hint: boolean, defaults to NULL

`popup_active_levels`
 When to show popup or panel. Choices: all_levels, top_level, below_top_level, above_bottom_level, bottom_level. Specify which hierarchy levels popup is active on. Flourish type hint: string, defaults to NULL

`filter_control_visibility`
 Visibility. Choices: always, editor, never. Sets whether the Filter is always visible, only visible when editing or never visible. Flourish type hint: string, defaults to NULL

`filter_include_all`
 Include "All" in filter. Flourish type hint: boolean, defaults to NULL

`filter_all_label`
 Filter All label. Flourish type hint: string, defaults to NULL

`chart_filter_controls_control_type`
 Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

`chart_filter_controls_control_styles`
 Adv. Flourish type hint: boolean, defaults to NULL

`chart_filter_controls_control_title`
 Control title. Flourish type hint: string, defaults to NULL

`chart_filter_controls_button_group`
 Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_filter_controls_button_group_width_mode`
 Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

`chart_filter_controls_button_group_width_fixed`
 Width. Flourish type hint: number, defaults to NULL

`chart_filter_controls_dropdown_width_mode`
 Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

`chart_filter_controls_dropdown_width_fixed`
 Width. Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_width`
 Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_max_label_width`
 Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_step_time`
 Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_loop`
 Loop. Flourish type hint: boolean, defaults to NULL

`chart_filter_controls_slider_restart_pause`
 Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

`chart_filter_controls_sort`
 Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

size_by_control_visibility
Visibility. Choices: always, editor, never. Sets whether the Size by control is always visible, only visible when editing or never visible. Flourish type hint: string, defaults to NULL

chart_size_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_size_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_size_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_size_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_size_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_size_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_size_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_size_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_size_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_size_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

ascend_button_visibility
Visibility. Choices: always, editor, never. Flourish type hint: string, defaults to NULL

zoom_out_button_color
Button. Flourish type hint: color, defaults to NULL

zoom_out_arrow_color
 Arrow. Flourish type hint: color, defaults to NULL

chart_filter_controls_container_alignment
 Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
 Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_controls_style_font_size
 Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
 Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
 Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
 Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
 Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
 Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
 Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
 Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
 Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
 Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
 Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
 Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
 Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
 Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
 Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
 Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
 Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

animation_duration
Duration. The duration, in seconds, of transitions for example, between two slides in a story. Flourish type hint: number, defaults to NULL

size_by_number_formatter_prefix
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

size_by_number_formatter_suffix
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

size_by_number_formatter_n_dec
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

size_by_number_formatter_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

size_by_number_formatter_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

size_by_number_formatter_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

size_by_number_formatter_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

`size_by_number_formatter_transform_labels`
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

`size_by_number_formatter_transform`
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

`size_by_number_formatter_multiply_divide_constant`
Flourish type hint: number, defaults to NULL

`size_by_number_formatter_exponentiate_constant`
Flourish type hint: number, defaults to NULL

`filter_number_formatter_prefix`
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

`filter_number_formatter_suffix`
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

`filter_number_formatter_n_dec`
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

`filter_number_formatter_advanced`
Advanced. Flourish type hint: boolean, defaults to NULL

`filter_number_formatter_negative_sign`
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

`filter_number_formatter_strip_zeros`
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

`filter_number_formatter_strip_separator`
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

`filter_number_formatter_transform_labels`
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

`filter_number_formatter_transform`
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

`filter_number_formatter_multiply_divide_constant`
Flourish type hint: number, defaults to NULL

`filter_number_formatter_exponentiate_constant`
Flourish type hint: number, defaults to NULL

`chart_layout_body_font`
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

`chart_layout_font_color`
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

`chart_layout_footer_note`
 Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: `html`, defaults to `NULL`

`chart_layout_footer_note_secondary`
 Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: `html`, defaults to `NULL`

`chart_layout_advanced_note_styling`
 Advanced. Flourish type hint: `boolean`, defaults to `NULL`

`chart_layout_footer_timestamp_format`
 Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M, %d %b %Y`, `%H:%M, %d/%m/%Y`, `%H:%M, %m/%d/%Y`, `%H:%M, %d-%m-%Y`, `%H:%M, %m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_enabled`
 Image. Choices: `TRUE`, `FALSE`. Flourish type hint: `boolean`, defaults to `NULL`

`chart_layout_footer_logo_src`
 Image. Flourish type hint: `url`, defaults to `NULL`

`chart_layout_footer_logo_src_light`
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: `hidden`, defaults to `NULL`

`chart_layout_footer_logo_alt`
 Alt text. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_link_url`
 Link. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_height`
 Height. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_logo_margin`
 Margin. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_logo_order`
 Position. Choices: `left`, `right`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_align_vertical`
 V. align. Choices: `flex-start`, `center`, `flex-end`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_border`
 Choices: `top`, `bottom`, `top_and_bottom`, `none`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_border_width`
 Width. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_border_color`
 Color. Flourish type hint: `color`, defaults to `NULL`

chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL
chart_url_settings_enabled	Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL
chart_url_settings_whitelist	Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "treemap", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_hierarchy_data(gapminder) |>
  set_hierarchy_details()
)
```

set_horserace_details *Set line chart race chart details*

Description

Set line chart race chart details

Usage

```
set_horserace_details(  
    .,  
    play_mode = NULL,  
    zoom_steps_to_show = NULL,  
    value_type = NULL,  
    higher_scores_win = NULL,  
    ties_mode = NULL,  
    height_mode = NULL,  
    padding_top = NULL,  
    padding_right = NULL,  
    padding_bottom = NULL,  
    padding_left = NULL,  
    show_buttons = NULL,  
    show_replay = NULL,  
    chart_filter_controls_control_type = NULL,  
    chart_filter_controls_control_styles = NULL,  
    chart_filter_controls_control_title = NULL,  
    chart_filter_controls_button_group = NULL,  
    chart_filter_controls_button_group_width_mode = NULL,  
    chart_filter_controls_button_group_width_fixed = NULL,  
    chart_filter_controls_dropdown_width_mode = NULL,  
    chart_filter_controls_dropdown_width_fixed = NULL,  
    chart_filter_controls_slider_background_color = NULL,  
    chart_filter_controls_slider_font_color = NULL,  
    chart_filter_controls_slider_handle_color = NULL,  
    chart_filter_controls_slider_width = NULL,  
    chart_filter_controls_slider_margin = NULL,  
    chart_filter_controls_slider_handle_height = NULL,  
    chart_filter_controls_slider_track_height = NULL,  
    chart_filter_controls_slider_play_button = NULL,  
    chart_filter_controls_slider_loop = NULL,  
    chart_filter_controls_slider_step_time = NULL,  
    chart_filter_controls_slider_restart_pause = NULL,  
    chart_filter_controls_sort = NULL,  
    filter_include_all = NULL,  
    label_ranks = NULL,  
    label_scores = NULL,  
    label_replay = NULL,  
    filter_all_label = NULL,  
    chart_controls_style_font_size = NULL,  
    chart_controls_style_font_weight = NULL,  
    chart_controls_style_height = NULL,  
    chart_button_control_style_background = NULL,  
    chart_button_control_style_background_selected = NULL,  
    chart_button_control_style_background_hover = NULL,  
    chart_button_control_style_font_color = NULL,  
    chart_button_control_style_font_color_selected = NULL,  
    .  
)
```

```
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
color_mode = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
color_single = NULL,  
color_single_overrides = NULL,  
line_width = NULL,  
line_opacity = NULL,  
curve = NULL,  
shade = NULL,  
shade_width = NULL,
```

```
shade_opacity = NULL,  
missing = NULL,  
missing_opacity = NULL,  
missing_width = NULL,  
missing_stroke_dash = NULL,  
start_circle_r = NULL,  
end_circle_r = NULL,  
end_circle_stroke = NULL,  
circle_space_between = NULL,  
end_circle_stroke_bg = NULL,  
horse_images = NULL,  
show_labels = NULL,  
animate_scores = NULL,  
rank_outside_picture = NULL,  
label_divider = NULL,  
rank_inside_color = NULL,  
chart_labels_max_width = NULL,  
chart_labels_overlap_mode = NULL,  
chart_labels_spreading_margin = NULL,  
chart_labels_data_point_margin = NULL,  
chart_labels_show_only_labels = NULL,  
chart_labels_text_color = NULL,  
chart_labels_text_size = NULL,  
chart_labels_text_bg_color = NULL,  
chart_labels_text_bg_size = NULL,  
chart_labels_text_line_height = NULL,  
chart_labels_text_max_lines = NULL,  
chart_labels_text_weight = NULL,  
chart_labels_lines = NULL,  
chart_labels_line_style = NULL,  
chart_labels_line_color = NULL,  
chart_labels_line_width = NULL,  
chart_labels_line_range = NULL,  
chart_labels_line_padding = NULL,  
chart_x_axis_axis_position = NULL,  
chart_x_axis_y_axis_position = NULL,  
chart_x_axis_numeric_scale_type = NULL,  
chart_x_axis_linear_min = NULL,  
chart_x_axis_linear_max = NULL,  
chart_x_axis_log_min = NULL,  
chart_x_axis_log_max = NULL,  
chart_x_axis_datetime_min = NULL,  
chart_x_axis_datetime_max = NULL,  
chart_x_axis_flip = NULL,  
chart_x_axis_show_scale_settings = NULL,  
chart_x_axis_nice = NULL,  
chart_x_axis_zero_axis = NULL,  
chart_x_axis_title_mode = NULL,
```

```
chart_x_axis_title = NULL,  
chart_x_axis_title_styling = NULL,  
chart_x_axis_title_weight = NULL,  
chart_x_axis_title_color = NULL,  
chart_x_axis_title_size = NULL,  
chart_x_axis_title_padding = NULL,  
chart_x_axis_tick_label_position = NULL,  
chart_x_axis_tick_label_styling = NULL,  
chart_x_axis_tick_label_size = NULL,  
chart_x_axis_tick_label_color = NULL,  
chart_x_axis_tick_padding = NULL,  
chart_x_axis_tick_label_angle = NULL,  
chart_x_axis_tick_label_weight = NULL,  
chart_x_axis_tick_label_max_lines = NULL,  
chart_x_axis_tick_label_line_height = NULL,  
chart_x_axis_tick_label_space_mode = NULL,  
chart_x_axis_tick_label_space = NULL,  
chart_x_axis_tick_mode = NULL,  
chart_x_axis_tick_number = NULL,  
chart_x_axis_tick_custom = NULL,  
chart_x_axis_line_and_tick_color = NULL,  
chart_x_axis_line_and_tick_width = NULL,  
chart_x_axis_tick_length = NULL,  
chart_x_axis_tick_side = NULL,  
chart_x_axis_line_visible = NULL,  
chart_x_axis_edge_padding = NULL,  
chart_x_axis_gridlines_visible = NULL,  
chart_x_axis_gridlines_styling = NULL,  
chart_x_axis_gridline_color = NULL,  
chart_x_axis_gridline_style = NULL,  
chart_x_axis_gridline_width = NULL,  
chart_x_axis_gridline_category_dividers = NULL,  
chart_x_axis_gridline_category_dividers_extend = NULL,  
chart_y_axis_axis_visible = NULL,  
chart_y_axis_numeric_scale_type = NULL,  
chart_y_axis_linear_min = NULL,  
chart_y_axis_linear_max = NULL,  
chart_y_axis_log_min = NULL,  
chart_y_axis_log_max = NULL,  
chart_y_axis_datetime_min = NULL,  
chart_y_axis_datetime_max = NULL,  
chart_y_axis_flip = NULL,  
chart_y_axis_show_scale_settings = NULL,  
chart_y_axis_nice = NULL,  
chart_y_axis_zero_axis = NULL,  
chart_y_axis_title_mode = NULL,  
chart_y_axis_title = NULL,  
chart_y_axis_title_styling = NULL,
```

```
chart_y_axis_title_position = NULL,  
chart_y_axis_title_weight = NULL,  
chart_y_axis_title_color = NULL,  
chart_y_axis_title_size = NULL,  
chart_y_axis_title_padding = NULL,  
chart_y_axis_tick_label_position = NULL,  
chart_y_axis_tick_label_styling = NULL,  
chart_y_axis_tick_label_size = NULL,  
chart_y_axis_tick_label_color = NULL,  
chart_y_axis_tick_padding = NULL,  
chart_y_axis_tick_label_angle = NULL,  
chart_y_axis_tick_label_weight = NULL,  
chart_y_axis_tick_label_max_lines = NULL,  
chart_y_axis_tick_label_line_height = NULL,  
chart_y_axis_tick_label_space_mode = NULL,  
chart_y_axis_tick_label_space = NULL,  
chart_y_axis_tick_mode = NULL,  
chart_y_axis_tick_number = NULL,  
chart_y_axis_tick_custom = NULL,  
chart_y_axis_line_and_tick_color = NULL,  
chart_y_axis_line_and_tick_width = NULL,  
chart_y_axis_tick_length = NULL,  
chart_y_axis_tick_side = NULL,  
chart_y_axis_line_visible = NULL,  
chart_y_axis_edge_padding = NULL,  
chart_y_axis_gridlines_visible = NULL,  
chart_y_axis_gridlines_styling = NULL,  
chart_y_axis_gridline_color = NULL,  
chart_y_axis_gridline_style = NULL,  
chart_y_axis_gridline_width = NULL,  
chart_y_axis_gridline_category_dividers = NULL,  
chart_y_axis_gridline_category_dividers_extend = NULL,  
zoom_y_axis = NULL,  
caption_background_color = NULL,  
caption_border_color = NULL,  
caption_border_radius = NULL,  
caption_opacity = NULL,  
caption_padding = NULL,  
caption_position = NULL,  
caption_text_width = NULL,  
caption_font_size = NULL,  
caption_text_weight = NULL,  
caption_text_color = NULL,  
caption_mode = NULL,  
caption_text_align_h = NULL,  
caption_text_align_v = NULL,  
caption_image_width = NULL,  
caption_image_position = NULL,
```

```
caption_space_between = NULL,  
stage_duration = NULL,  
update_duration = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,
```

```
chart_layout_font_size_tablet = NULL,
chart_layout_font_size_desktop = NULL,
chart_layout_font_size_big_screen = NULL,
chart_layout_breakpoint_mobile_small = NULL,
chart_layout_breakpoint_mobile_big = NULL,
chart_layout_breakpoint_tablet = NULL,
chart_layout_breakpoint_desktop = NULL,
chart_layout_breakpoint_big_screen = NULL,
chart_layout_header_align = NULL,
chart_layout_title = NULL,
chart_layout_title_styling = NULL,
chart_layout_title_font = NULL,
chart_layout_title_size = NULL,
chart_layout_title_size_custom = NULL,
chart_layout_title_weight = NULL,
chart_layout_title_color = NULL,
chart_layout_title_line_height = NULL,
chart_layout_title_space_above = NULL,
chart_layout_title_space_above_custom = NULL,
chart_layout_subtitle = NULL,
chart_layout_subtitle_styling = NULL,
chart_layout_subtitle_font = NULL,
chart_layout_subtitle_size = NULL,
chart_layout_subtitle_size_custom = NULL,
chart_layout_subtitle_weight = NULL,
chart_layout_subtitle_color = NULL,
chart_layout_subtitle_line_height = NULL,
chart_layout_subtitle_space_above = NULL,
chart_layout_subtitle_space_above_custom = NULL,
chart_layout_header_text = NULL,
chart_layout_header_text_styling = NULL,
chart_layout_header_text_size = NULL,
chart_layout_header_text_size_custom = NULL,
chart_layout_header_text_weight = NULL,
chart_layout_header_text_color = NULL,
chart_layout_header_text_line_height = NULL,
chart_layout_header_text_space_above = NULL,
chart_layout_header_text_space_above_custom = NULL,
chart_layout_header_border = NULL,
chart_layout_header_border_width = NULL,
chart_layout_header_border_color = NULL,
chart_layout_header_border_style = NULL,
chart_layout_header_border_space = NULL,
chart_layout_header_logo_enabled = NULL,
chart_layout_header_logo_src = NULL,
chart_layout_header_logo_alt = NULL,
chart_layout_header_logo_link_url = NULL,
chart_layout_header_logo_height = NULL,
```



```
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,  
chart_layout_footer_align_vertical = NULL,  
chart_layout_footer_border = NULL,  
chart_layout_footer_border_width = NULL,  
chart_layout_footer_border_color = NULL,  
chart_layout_footer_border_style = NULL,  
chart_layout_footer_border_space = NULL,  
chart_layout_screenreader_text_primary = NULL,  
chart_layout_screenreader_label = NULL,  
chart_layout_screenreader_hide_primary = NULL  
)
```

Arguments

- . The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

play_mode	Play mode. In All mode, the entire X axis is visible In Zoomed mode, the X axis is only visible for a specified amount of stages In Reveal mode, the X axis is visible from the start until the current stage Flourish type hint: string, defaults to NULL
zoom_steps_to_show	Visible stages. The number of time slices (each of which is column of data) to show on the X axis. When in Zoom mode, these time slices are shown to the left and right of the current time. In Reveal mode, these time slices are shown at the beginning. (Value is ignored if the number specified is greater than the number of stages in the data.). Flourish type hint: number, defaults to NULL
value_type	Chart mode to show on load. Choices: ranks, scores. Flourish type hint: string, defaults to NULL
higher_scores_win	Data type. Choices: TRUE, FALSE. Useful for data where lower scores beat higher scores e.g. race times. Flourish type hint: boolean, defaults to NULL
ties_mode	Rank ties mode. Choices: competition, dense. What ranks should be given when there are ties? See Wikipedia for an explanation of names. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, fixed, flexible. In Fill space mode, the lines will be spread out over the available chart height, which by default will be the standard Flourish chart sizes for any given screen width. In this mode, the circles/images may overlap if you have lots of lines. Match data mode will resize the embedded graphic so there is enough vertical space to avoid overlaps. (Note this wont have any effect if you embed the graphic as a fixed height.) Auto mode switches between the two modes depending on the number of lines. Flourish type hint: string, defaults to NULL
padding_top	Top. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
padding_right	Right. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
padding_bottom	Bottom. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
padding_left	Left (mobile). In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
show_buttons	Ranks/scores toggle. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
show_replay	Replay button. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_filter_controls_control_type	Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider. Flourish type hint: string, defaults to NULL
chart_filter_controls_control_styles	Adv. Flourish type hint: boolean, defaults to NULL
chart_filter_controls_control_title	Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_background_color
Background. Flourish type hint: color, defaults to NULL

chart_filter_controls_slider_font_color
Text. Flourish type hint: color, defaults to NULL

chart_filter_controls_slider_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_filter_controls_slider_width
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_margin
Label width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_play_button
Play button. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_include_all
Include "All" option. Flourish type hint: boolean, defaults to NULL

label_ranks
"Ranks". Flourish type hint: string, defaults to NULL

label_scores
"Scores". Flourish type hint: string, defaults to NULL

label_replay
"Replay". Flourish type hint: string, defaults to NULL

filter_all_label
“All”. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

color_mode
Color mode. Choices: category, line, single. Whether to color by category (if you have a category column set in the Datasheet), by each individual line, or give every line the same color. Flourish type hint: string, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain	Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_color_scale_sequential_domain_min	Min. Flourish type hint: number, defaults to NULL
chart_color_scale_sequential_domain_max	Max. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_palette	Palette. Flourish type hint: string, defaults to NULL
chart_color_scale_diverging_reverse	Reverse. Flourish type hint: boolean, defaults to NULL
chart_color_scale_diverging_custom_min	Minimum color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_custom_mid	Midpoint color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_custom_max	Maximum color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_color_space	Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL
chart_color_scale_diverging_custom_domain	Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_color_scale_diverging_domain_min	Min. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_domain_mid	Mid. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_domain_max	Max. Flourish type hint: number, defaults to NULL
color_single	Single color. Flourish type hint: color, defaults to NULL
color_single_overrides	Color overrides. Type the label of the line whose color you want to set, a colon and then a color (using a name, hex-code or rgb). Multiple colors can be set using multiple lines. For example: China: red India: #4455AA Brazil: rgb(30,168,26). Flourish type hint: text, defaults to NULL
line_width	Line width. Flourish type hint: number, defaults to NULL
line_opacity	Opacity. Flourish type hint: number, defaults to NULL
curve	Curve. Choices: curve_linear, curve_monotone_x, curve_natural, curve_step, curve_step_after, curve_step_before. Flourish type hint: string, defaults to NULL
shade	Shading behind line. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
shade_width	Width. Width in pixels. Flourish type hint: number, defaults to NULL
shade_opacity	Opacity. Set to a value between 0 and 1. Flourish type hint: number, defaults to NULL
missing	Lines between missing data points. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

missing_opacity	Opacity. Flourish type hint: number, defaults to NULL
missing_width	Width. Flourish type hint: number, defaults to NULL
missing_stroke_dash	Stroke dash. Flourish type hint: number, defaults to NULL
start_circle_r	Start radius. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
end_circle_r	End radius. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
end_circle_stroke	End stroke. Flourish type hint: number, defaults to NULL
circle_space_between	Space between. Minimum space between the circles. The space is ignored when the chart is set to fill available space. Flourish type hint: number, defaults to NULL
end_circle_stroke_bg	Stroke color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
horse_images	Image inside circle. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
show_labels	Show labels. Choices: always, hover, never. Flourish type hint: string, defaults to NULL
animate_scores	Animate scores. Flourish type hint: boolean, defaults to NULL
rank_outside_picture	Value label position. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
label_divider	Divider. The character between label and value. Flourish type hint: string, defaults to NULL
rank_inside_color	Color. Flourish type hint: color, defaults to NULL
chart_labels_max_width	Max label width. The maximum allowed label width. Flourish type hint: number, defaults to NULL
chart_labels_overlap_mode	Overlaps. Choices: spread, hide, none. What to do with overlaps. Flourish type hint: string, defaults to NULL
chart_labels_spreading_margin	Space between labels. The space left between labels when spreading them out to avoid overlaps. Flourish type hint: number, defaults to NULL
chart_labels_data_point_margin	Distance. The space between the data point and the label in rems (a multiple of base font size). Flourish type hint: number, defaults to NULL
chart_labels_show_only_labels	Show only certain labels. Manually specify which labels youd like to display (one entry per line that should match entries in the Label column). Flourish type hint: text, defaults to NULL

chart_labels_text_color
Color. Flourish type hint: color, defaults to NULL

chart_labels_text_size
Size. Flourish type hint: number, defaults to NULL

chart_labels_text_bg_color
Outline. Flourish type hint: color, defaults to NULL

chart_labels_text_bg_size
Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL

chart_labels_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_labels_text_max_lines
Max lines. The max number of lines for each label. Flourish type hint: number, defaults to NULL

chart_labels_text_weight
Weight. Choices: 400, 700. Flourish type hint: string, defaults to NULL

chart_labels_lines
Connector lines. Choices: auto, on, off. Flourish type hint: string, defaults to NULL

chart_labels_line_style
Line style. Choices: straight, step. Flourish type hint: string, defaults to NULL

chart_labels_line_color
Color. Flourish type hint: color, defaults to NULL

chart_labels_line_width
Width. In rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_labels_line_range
Length. The width of the space given over to lines; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_labels_line_padding
Padding. The padding to the left and right of the line; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_x_axis_axis_position
Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_weight`
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_max_lines`
 Max lines. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_line_height`
 Line height. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_space_mode`
 Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_space`
 Space. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_mode`
 Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_number`
 Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_custom`
 One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

`chart_x_axis_line_and_tick_color`
 Line color. Flourish type hint: color, defaults to NULL

`chart_x_axis_line_and_tick_width`
 Line width. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_length`
 Tick length. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_side`
 Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

`chart_x_axis_line_visible`
 Axis line. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_edge_padding`
 Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

`chart_x_axis_gridlines_visible`
 Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_gridlines_styling`
 Styling. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_gridline_color`
 Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_y_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_title_position
 Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_y_axis_title_weight
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_title_color
 Color. Flourish type hint: color, defaults to NULL

chart_y_axis_title_size
 Size. Flourish type hint: number, defaults to NULL

chart_y_axis_title_padding
 Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_position
 Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_styling
 Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_tick_label_size
 Size. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_color
 Color. Flourish type hint: color, defaults to NULL

chart_y_axis_tick_padding
 Padding. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_angle
 Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_weight
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_max_lines
 Max lines. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_line_height
 Line height. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_label_space_mode
 Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_label_space
 Space. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_mode
 Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_number
 Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_custom	One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL
chart_y_axis_line_and_tick_color	Line color. Flourish type hint: color, defaults to NULL
chart_y_axis_line_and_tick_width	Line width. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_length	Tick length. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_side	Side. Choices: out, in. Flourish type hint: string, defaults to NULL
chart_y_axis_line_visible	Axis line. Flourish type hint: boolean, defaults to NULL
chart_y_axis_edge_padding	Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL
chart_y_axis_gridlines_visible	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_y_axis_gridlines_styling	Styling. Flourish type hint: boolean, defaults to NULL
chart_y_axis_gridline_color	Color. Flourish type hint: color, defaults to NULL
chart_y_axis_gridline_style	Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL
chart_y_axis_gridline_width	Width. Flourish type hint: number, defaults to NULL
chart_y_axis_gridline_category_dividers	Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL
chart_y_axis_gridline_category_dividers_extend	Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL
zoom_y_axis	Dynamic Y axis. Rescales the y axis when filtering or playing in zoomed mode. Flourish type hint: boolean, defaults to NULL
caption_background_color	Background. Flourish type hint: color, defaults to NULL
caption_border_color	Border. Flourish type hint: color, defaults to NULL

caption_border_radius
Radius. Flourish type hint: number, defaults to NULL

caption_opacity
Opacity. Flourish type hint: number, defaults to NULL

caption_padding
Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

caption_position
Position. Choices: top-left, center-left, bottom-left, top-right, center-right, bottom-right, top-center, center-center, bottom-center. Flourish type hint: string, defaults to NULL

caption_text_width
Width. Flourish type hint: number, defaults to NULL

caption_font_size
Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

caption_text_weight
Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

caption_text_color
Color. Flourish type hint: color, defaults to NULL

caption_mode
Content mode. Choices: text_legend, html. In Text with colors mode, any phrases matching category names will be automatically colored. In HTML mode, no colors will be applied, but you can include any HTML in the datasheet to add images, etc. Flourish type hint: string, defaults to NULL

caption_text_align_h
Horizontal align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

caption_text_align_v
Vertical align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

caption_image_width
Width. Flourish type hint: number, defaults to NULL

caption_image_position
Position. Choices: column, column-reverse, row, row-reverse. Flourish type hint: string, defaults to NULL

caption_space_between
Space between. Space between image and text. Flourish type hint: number, defaults to NULL

stage_duration
Animation duration. The race animation length, in milliseconds per stage(A stage is equal to each column of your data). Flourish type hint: number, defaults to NULL

update_duration
Mode duration. The animation duration when change between ranks and scores modes. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`chart_layout_title_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_title_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_title_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_title_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_title_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_title_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle`
Flourish type hint: html, defaults to NULL

`chart_layout_subtitle_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_subtitle_font`
Subtitle Font. Flourish type hint: font, defaults to NULL

`chart_layout_subtitle_size`
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_subtitle_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_text`
Flourish type hint: html, defaults to NULL

`chart_layout_header_text_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_header_text_size`
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_timestamp_format`
 Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_enabled`
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_logo_src`
 Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

`chart_layout_footer_logo_alt`
 Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_link_url`
 Link. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_height`
 Height. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_margin`
 Margin. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_order`
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "horserace", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_horserace_data(gapminder) |>
  set_horserace_details()
)
```

set_interactive_svg_details

Set interactive svg chart details

Description

Set interactive svg chart details

Usage

```
set_interactive_svg_details(
  `
  svg_url = NULL,
  svg_width_wide = NULL,
  mobile_view = NULL,
  mobile_breakpoint = NULL,
  mobile_svg_mode = NULL,
  mobile_svg_url = NULL,
  mobile_svg_width = NULL,
  mobile_content_mode = NULL,
  clickable_svg_animation = NULL,
  clickable_svg_animation_duration = NULL,
  clickable_svg_animation_config = NULL,
  clickable_svg_animation_attr = NULL,
  clickable_svg_animation_values = NULL,
  clickable_svg_animation_repeat = NULL,
  text_panel_enabled = NULL,
  h3_default = NULL,
  h3_size = NULL,
  h4_default = NULL,
```

```
h4_size = NULL,  
content_default = NULL,  
content_size = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,
```

```
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
svg_reset_fonts = NULL,  
show_css = NULL,  
stylesheet = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,
```



```
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,
```

```

chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
svg_url	SVG file. Flourish type hint: url, defaults to NULL
svg_width_wide	Image width. The width in percentage of the image in standard wide-screen view. Flourish type hint: number, defaults to NULL
mobile_view	Different mobile view. Flourish type hint: boolean, defaults to NULL
mobile_breakpoint	Breakpoint. The size in pixels at which to switch to mobile layout Flourish type hint: number, defaults to NULL

mobile_svg_mode	Image on mobile. Choices: none, same, different. Whether to show the image at all on mobile. Flourish type hint: string, defaults to NULL
mobile_svg_url	SVG file (mobile). Flourish type hint: url, defaults to NULL
mobile_svg_width	Width. The width in percentage of the image on a mobile view. Flourish type hint: number, defaults to NULL
mobile_content_mode	Mobile content mode. Choices: interactive, all, accordion. If turned on all content will display on load in mobile view. Flourish type hint: string, defaults to NULL
clickable_svg_animation	Animation clickable elements. Choices: off, animation. Flourish type hint: string, defaults to NULL
clickable_svg_animation_duration	Duration. The duration of the highlight animation on each clickable element. Flourish type hint: number, defaults to NULL
clickable_svg_animation_config	Advanced. Reveal settings to adjust the SVG Animation properties on clickable elements. See Mozilla docs for more details. Flourish type hint: boolean, defaults to NULL
clickable_svg_animation_attr	Attribute. Flourish type hint: string, defaults to NULL
clickable_svg_animation_values	Values. Flourish type hint: string, defaults to NULL
clickable_svg_animation_repeat	Repeat. Flourish type hint: string, defaults to NULL
text_panel_enabled	Text panel enabled. Disable to only show text in popups. Flourish type hint: boolean, defaults to NULL
h3_default	Default heading. The text to show on load. Flourish type hint: text, defaults to NULL
h3_size	Size. Flourish type hint: number, defaults to NULL
h4_default	Default subheading. The text to show on load. Flourish type hint: text, defaults to NULL
h4_size	Size. Flourish type hint: number, defaults to NULL
content_default	Default text. The text to show on load. Flourish type hint: text, defaults to NULL
content_size	Size. Flourish type hint: number, defaults to NULL
chart_popup_mode	Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL
chart_popup_popup_is_custom	Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles	Show popup styles. Flourish type hint: boolean, defaults to NULL
chart_popup_popup_custom_header	Popup custom header. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using <code>{{#if column_name}}Content</code> for non-empty column For example: <code>{{#if Capital name}}Capital:{{/if}} {{Capital name}}</code> . Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
chart_popup_popup_custom_main	Popup custom main content. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax <code>{{#if column_name}}Content</code> for non-empty column For example: <code>{{#if Capital name}}Capital:{{/if}} {{Capital name}}</code> . Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
chart_popup_popup_custom_accessible	Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use <code>{{column_name}}</code> to add values from your data, but do not use HTML. For example: <code>{{Name}}, Population: {{Population}}</code> , GD If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL
chart_popup_popup_width	Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL
chart_popup_popup_font_size	Text size. Flourish type hint: number, defaults to NULL
chart_popup_popup_text_color	Text color. Flourish type hint: color, defaults to NULL
chart_popup_popup_align	Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL
chart_popup_popup_background	Fill color. Flourish type hint: color, defaults to NULL
chart_popup_popup_background_opacity	Fill opacity. Flourish type hint: number, defaults to NULL
chart_popup_popup_padding	Padding. Flourish type hint: number, defaults to NULL
chart_popup_popup_radius	Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL
chart_popup_popup_header_type	Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL
chart_popup_popup_header_background	Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay	Height (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_width_side	Width (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_height_side	Height (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_max_width	Max width (px). Flourish type hint: number, defaults to NULL
chart_popup_panel_max_height	Max height (px). Flourish type hint: number, defaults to NULL
chart_popup_panel_vertical_position	Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL
chart_popup_panel_text_color	Text color. Flourish type hint: color, defaults to NULL
chart_popup_panel_font_size	Text size. Flourish type hint: number, defaults to NULL
chart_popup_panel_align	Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL
chart_popup_panel_background	Fill color. Flourish type hint: color, defaults to NULL
chart_popup_panel_background_opacity	Fill opacity. Flourish type hint: number, defaults to NULL
chart_popup_panel_padding	Padding. Flourish type hint: number, defaults to NULL
chart_popup_panel_radius	Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL
chart_popup_panel_list_type	List type. Choices: table, ul. Flourish type hint: string, defaults to NULL
chart_popup_panel_list_label_weight	Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
chart_popup_panel_list_separator	List separator. Choices: :, , , . Flourish type hint: string, defaults to NULL
chart_popup_panel_shadow	Shadow. Flourish type hint: boolean, defaults to NULL
svg_reset_fonts	Override fonts in SVG. If enabled, font-family styles will be removed in the SVG, allowing the text to be inherited from the current theme or settings. Flourish type hint: boolean, defaults to NULL
show_css	Edit CSS. Flourish type hint: boolean, defaults to NULL

stylesheet	Custom styles. Use the CSS class <code>.clickable-element</code> to target all interactive elements. When one is clicked, it has the CSS class <code>.highlighted</code> and the others are <code>.faded</code> . The text for each clickable element is inside a <code>.text-block</code> , which is also <code>.accordion</code> in accordion mode. Flourish type hint: <code>code</code> , defaults to <code>NULL</code>
chart_layout_body_font	Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: <code>font</code> , defaults to <code>NULL</code>
chart_layout_font_color	Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: <code>color</code> , defaults to <code>NULL</code>
chart_layout_background_color_enabled	Color. Choices: <code>TRUE</code> , <code>FALSE</code> . Flourish type hint: <code>boolean</code> , defaults to <code>NULL</code>
chart_layout_background_image_enabled	Image. Choices: <code>TRUE</code> , <code>FALSE</code> . Flourish type hint: <code>boolean</code> , defaults to <code>NULL</code>
chart_layout_background_color	Background color. Flourish type hint: <code>color</code> , defaults to <code>NULL</code>
chart_layout_background_image_src	Image URL. Flourish type hint: <code>url</code> , defaults to <code>NULL</code>
chart_layout_background_image_size	Size. Choices: <code>cover</code> , <code>contain</code> , <code>auto</code> , <code>100%</code> <code>100%</code> . Flourish type hint: <code>string</code> , defaults to <code>NULL</code>
chart_layout_background_image_position	Position. Choices: <code>top left</code> , <code>top center</code> , <code>top right</code> , <code>center left</code> , <code>center center</code> , <code>center right</code> , <code>bottom left</code> , <code>bottom center</code> , <code>bottom right</code> . Flourish type hint: <code>string</code> , defaults to <code>NULL</code>
chart_layout_max_width_target	Maximum width. Choices: <code>none</code> , <code>wrapper</code> , <code>primary</code> . Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: <code>string</code> , defaults to <code>NULL</code>
chart_layout_max_width	Maximum width. Leave blank to stretch to container width. Flourish type hint: <code>number</code> , defaults to <code>NULL</code>
chart_layout_max_width_align	Align. Choices: <code>left</code> , <code>center</code> , <code>right</code> . Flourish type hint: <code>string</code> , defaults to <code>NULL</code>
chart_layout_layout_order	Layout order. Flourish type hint: <code>string</code> , defaults to <code>NULL</code>
chart_layout_space_between_sections	Space between sections. Choices: <code>0.5</code> , <code>1</code> , <code>1.5</code> , <code>custom</code> . Flourish type hint: <code>string</code> , defaults to <code>NULL</code>
chart_layout_space_between_sections_custom	Custom. Flourish type hint: <code>number</code> , defaults to <code>NULL</code>
chart_layout_margin_top	Top. Flourish type hint: <code>number</code> , defaults to <code>NULL</code>

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

`chart_layout_screenreader_hide_primary`
 Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "interactive_svg", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_interactive_svg_data(gapminder) |>
  set_interactive_svg_details()
)
```

`set_line_bar_pie_details`*Set line, bar and pie charts chart details*

Description

Set line, bar and pie charts chart details

Usage

```
set_line_bar_pie_details(  
    ·,  
    dual_axis = NULL,  
    secondary_series = NULL,  
    stack_sort = NULL,  
    facet_layout = NULL,  
    height_mode = NULL,  
    facet_aspect = NULL,  
    facet_aspect_mobile = NULL,  
    facet_aspect_breakpoint = NULL,  
    sort_mode = NULL,  
    chart_facet_columns_fixed = NULL,  
    chart_facet_columns = NULL,  
    chart_facet_min_width = NULL,  
    chart_facet_min_width_fixed = NULL,  
    chart_facet_custom_grid = NULL,  
    chart_facet_custom_positions = NULL,  
    chart_facet_max_width = NULL,  
    chart_facet_gutter_w = NULL,  
    chart_facet_gutter_h = NULL,  
    chart_facet_animation = NULL,  
    chart_facet_titles = NULL,  
    chart_facet_title_align = NULL,  
    chart_facet_title_size = NULL,  
    chart_facet_title_unit = NULL,  
    chart_facet_title_color = NULL,  
    chart_facet_title_padding_top = NULL,  
    chart_facet_title_padding_bottom = NULL,  
    chart_facet_title_bg = NULL,  
    chart_facet_title_bg_color = NULL,  
    chart_facet_title_bg_padding = NULL,  
    x_axis_matching = NULL,  
    x_axis_last_row_only = NULL,  
    y_axis_matching = NULL,  
    y_axis_first_col_only = NULL,  
    y2_axis_matching = NULL,  
    y2_axis_last_col_only = NULL,
```

```
series_filter_mode = NULL,  
series_control_multi_text = NULL,  
series_control_multi_none_text = NULL,  
series_control_select_text = NULL,  
max_series = NULL,  
series_control_background = NULL,  
series_control_text = NULL,  
series_control_border = NULL,  
series_control_pill_background = NULL,  
series_control_pill_text = NULL,  
series_control_pill_radius = NULL,  
series_control_single_all = NULL,  
series_control_single_all_text = NULL,  
filter_rows_with_no_data = NULL,  
chart_series_filter_controls_control_type = NULL,  
chart_series_filter_controls_control_styles = NULL,  
chart_series_filter_controls_control_title = NULL,  
chart_series_filter_controls_button_group = NULL,  
chart_series_filter_controls_button_group_width_mode = NULL,  
chart_series_filter_controls_button_group_width_fixed = NULL,  
chart_series_filter_controls_dropdown_width_mode = NULL,  
chart_series_filter_controls_dropdown_width_fixed = NULL,  
chart_series_filter_controls_slider_width = NULL,  
chart_series_filter_controls_slider_max_label_width = NULL,  
chart_series_filter_controls_slider_step_time = NULL,  
chart_series_filter_controls_slider_loop = NULL,  
chart_series_filter_controls_slider_restart_pause = NULL,  
chart_series_filter_controls_sort = NULL,  
row_filter_control_all = NULL,  
row_filter_control_all_text = NULL,  
chart_row_filter_controls_control_type = NULL,  
chart_row_filter_controls_control_styles = NULL,  
chart_row_filter_controls_control_title = NULL,  
chart_row_filter_controls_button_group = NULL,  
chart_row_filter_controls_button_group_width_mode = NULL,  
chart_row_filter_controls_button_group_width_fixed = NULL,  
chart_row_filter_controls_dropdown_width_mode = NULL,  
chart_row_filter_controls_dropdown_width_fixed = NULL,  
chart_row_filter_controls_slider_width = NULL,  
chart_row_filter_controls_slider_max_label_width = NULL,  
chart_row_filter_controls_slider_step_time = NULL,  
chart_row_filter_controls_slider_loop = NULL,  
chart_row_filter_controls_slider_restart_pause = NULL,  
chart_row_filter_controls_sort = NULL,  
log_control_y_visible = NULL,  
chart_log_control_y_filter_controls_control_type = NULL,  
chart_log_control_y_filter_controls_control_styles = NULL,  
chart_log_control_y_filter_controls_control_title = NULL,
```

```
chart_log_control_y_filter_controls_button_group = NULL,
chart_log_control_y_filter_controls_button_group_width_mode = NULL,
chart_log_control_y_filter_controls_button_group_width_fixed = NULL,
chart_log_control_y_filter_controls_dropdown_width_mode = NULL,
chart_log_control_y_filter_controls_dropdown_width_fixed = NULL,
chart_log_control_y_filter_controls_slider_width = NULL,
chart_log_control_y_filter_controls_slider_max_label_width = NULL,
chart_log_control_y_filter_controls_slider_step_time = NULL,
chart_log_control_y_filter_controls_slider_loop = NULL,
chart_log_control_y_filter_controls_slider_restart_pause = NULL,
chart_log_control_y_filter_controls_sort = NULL,
log_control_y_text_linear = NULL,
log_control_y_text_log = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
chart_dropdown_control_style_border_transparency = NULL,
chart_dropdown_control_style_border_radius = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_filter_controls_container_alignment = NULL,
chart_filter_controls_container_controls_spacing = NULL,
controls_position = NULL,
color_mode = NULL,
chart_color_scale_categorical_palette = NULL,
chart_color_scale_categorical_extend = NULL,
chart_color_scale_categorical_custom_palette = NULL,
chart_color_scale_numeric_type = NULL,
chart_color_scale_binning = NULL,
chart_color_scale_bin_mode = NULL,
chart_color_scale_bin_count = NULL,
chart_color_scale_bin_thresholds = NULL,
chart_color_scale_sequential_palette = NULL,
```



```
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
line_width = NULL,  
line_opacity = NULL,  
line_stroke = NULL,  
line_curve = NULL,  
line_dash_items = NULL,  
line_dash_width = NULL,  
line_dash_space_width = NULL,  
line_interpolate = NULL,  
shade_between_lines = NULL,  
shade_between_lines_config = NULL,  
shade_between_lines_color = NULL,  
shade_between_lines_opacity = NULL,  
area_opacity = NULL,  
dot_mode = NULL,  
dot_opacity = NULL,  
dot_radius = NULL,  
dot_radius_last = NULL,  
dot_hollow = NULL,  
bar_height = NULL,  
column_opacity = NULL,  
uniform_column_width = NULL,  
uniform_bar_height = NULL,  
column_padding_inner = NULL,  
column_padding_in_group = NULL,  
column_padding_stack = NULL,  
column_stroke = NULL,  
column_stroke_opacity = NULL,  
column_stroke_color = NULL,  
donut_inner_radius = NULL,  
donut_corner_radius = NULL,  
donut_pad_angle = NULL,
```

```
donut_auto_scale = NULL,  
bar_labels_above = NULL,  
bar_labels_color = NULL,  
bar_labels_font_size = NULL,  
bar_labels_weight = NULL,  
line_end_labels = NULL,  
chart_line_labels_max_width = NULL,  
chart_line_labels_overlap_mode = NULL,  
chart_line_labels_spreading_margin = NULL,  
chart_line_labels_data_point_margin = NULL,  
chart_line_labels_show_only_labels = NULL,  
chart_line_labels_text_color = NULL,  
chart_line_labels_text_size = NULL,  
chart_line_labels_text_bg_color = NULL,  
chart_line_labels_text_bg_size = NULL,  
chart_line_labels_text_line_height = NULL,  
chart_line_labels_text_max_lines = NULL,  
chart_line_labels_text_weight = NULL,  
chart_line_labels_lines = NULL,  
chart_line_labels_line_style = NULL,  
chart_line_labels_line_color = NULL,  
chart_line_labels_line_width = NULL,  
chart_line_labels_line_range = NULL,  
chart_line_labels_line_padding = NULL,  
labels = NULL,  
labels_hide_overlaps = NULL,  
labels_dot_center = NULL,  
labels_column_align = NULL,  
labels_column_padding = NULL,  
labels_bar_align = NULL,  
labels_bar_autohide = NULL,  
labels_color_mode = NULL,  
labels_fixed_color = NULL,  
labels_font_weight = NULL,  
labels_font_size_mode = NULL,  
labels_font_size = NULL,  
labels_bg_mode = NULL,  
labels_bg_size = NULL,  
labels_content = NULL,  
stack_labels = NULL,  
stack_labels_color = NULL,  
stack_labels_font_size = NULL,  
stack_labels_weight = NULL,  
chart_x_axis_axis_position = NULL,  
chart_x_axis_y_axis_position = NULL,  
chart_x_axis_numeric_scale_type = NULL,  
chart_x_axis_linear_min = NULL,  
chart_x_axis_linear_max = NULL,
```

```
chart_x_axis_log_min = NULL,  
chart_x_axis_log_max = NULL,  
chart_x_axis_datetime_min = NULL,  
chart_x_axis_datetime_max = NULL,  
chart_x_axis_flip = NULL,  
chart_x_axis_show_scale_settings = NULL,  
chart_x_axis_nice = NULL,  
chart_x_axis_zero_axis = NULL,  
chart_x_axis_title_mode = NULL,  
chart_x_axis_title = NULL,  
chart_x_axis_title_styling = NULL,  
chart_x_axis_title_weight = NULL,  
chart_x_axis_title_color = NULL,  
chart_x_axis_title_size = NULL,  
chart_x_axis_title_padding = NULL,  
chart_x_axis_tick_label_position = NULL,  
chart_x_axis_tick_label_styling = NULL,  
chart_x_axis_tick_label_size = NULL,  
chart_x_axis_tick_label_color = NULL,  
chart_x_axis_tick_padding = NULL,  
chart_x_axis_tick_label_angle = NULL,  
chart_x_axis_tick_label_weight = NULL,  
chart_x_axis_tick_label_max_lines = NULL,  
chart_x_axis_tick_label_line_height = NULL,  
chart_x_axis_tick_label_space_mode = NULL,  
chart_x_axis_tick_label_space = NULL,  
chart_x_axis_tick_mode = NULL,  
chart_x_axis_tick_number = NULL,  
chart_x_axis_tick_custom = NULL,  
chart_x_axis_line_and_tick_color = NULL,  
chart_x_axis_line_and_tick_width = NULL,  
chart_x_axis_tick_length = NULL,  
chart_x_axis_tick_side = NULL,  
chart_x_axis_line_visible = NULL,  
chart_x_axis_edge_padding = NULL,  
chart_x_axis_gridlines_visible = NULL,  
chart_x_axis_gridlines_styling = NULL,  
chart_x_axis_gridline_color = NULL,  
chart_x_axis_gridline_style = NULL,  
chart_x_axis_gridline_width = NULL,  
chart_x_axis_gridline_category_dividers = NULL,  
chart_x_axis_gridline_category_dividers_extend = NULL,  
chart_y_axis_axis_visible = NULL,  
chart_y_axis_numeric_scale_type = NULL,  
chart_y_axis_linear_min = NULL,  
chart_y_axis_linear_max = NULL,  
chart_y_axis_log_min = NULL,  
chart_y_axis_log_max = NULL,
```

```
chart_y_axis_datetime_min = NULL,  
chart_y_axis_datetime_max = NULL,  
chart_y_axis_flip = NULL,  
chart_y_axis_show_scale_settings = NULL,  
chart_y_axis_nice = NULL,  
chart_y_axis_zero_axis = NULL,  
chart_y_axis_title_mode = NULL,  
chart_y_axis_title = NULL,  
chart_y_axis_title_styling = NULL,  
chart_y_axis_title_position = NULL,  
chart_y_axis_title_weight = NULL,  
chart_y_axis_title_color = NULL,  
chart_y_axis_title_size = NULL,  
chart_y_axis_title_padding = NULL,  
chart_y_axis_tick_label_position = NULL,  
chart_y_axis_tick_label_styling = NULL,  
chart_y_axis_tick_label_size = NULL,  
chart_y_axis_tick_label_color = NULL,  
chart_y_axis_tick_padding = NULL,  
chart_y_axis_tick_label_angle = NULL,  
chart_y_axis_tick_label_weight = NULL,  
chart_y_axis_tick_label_max_lines = NULL,  
chart_y_axis_tick_label_line_height = NULL,  
chart_y_axis_tick_label_space_mode = NULL,  
chart_y_axis_tick_label_space = NULL,  
chart_y_axis_tick_mode = NULL,  
chart_y_axis_tick_number = NULL,  
chart_y_axis_tick_custom = NULL,  
chart_y_axis_line_and_tick_color = NULL,  
chart_y_axis_line_and_tick_width = NULL,  
chart_y_axis_tick_length = NULL,  
chart_y_axis_tick_side = NULL,  
chart_y_axis_line_visible = NULL,  
chart_y_axis_edge_padding = NULL,  
chart_y_axis_gridlines_visible = NULL,  
chart_y_axis_gridlines_styling = NULL,  
chart_y_axis_gridline_color = NULL,  
chart_y_axis_gridline_style = NULL,  
chart_y_axis_gridline_width = NULL,  
chart_y_axis_gridline_category_dividers = NULL,  
chart_y_axis_gridline_category_dividers_extend = NULL,  
chart_secondary_y_axis_axis_visible = NULL,  
chart_secondary_y_axis_numeric_scale_type = NULL,  
chart_secondary_y_axis_linear_min = NULL,  
chart_secondary_y_axis_linear_max = NULL,  
chart_secondary_y_axis_log_min = NULL,  
chart_secondary_y_axis_log_max = NULL,  
chart_secondary_y_axis_datetime_min = NULL,
```

```
chart_secondary_y_axis_datetime_max = NULL,
chart_secondary_y_axis_flip = NULL,
chart_secondary_y_axis_show_scale_settings = NULL,
chart_secondary_y_axis_nice = NULL,
chart_secondary_y_axis_zero_axis = NULL,
chart_secondary_y_axis_title_mode = NULL,
chart_secondary_y_axis_title = NULL,
chart_secondary_y_axis_title_styling = NULL,
chart_secondary_y_axis_title_position = NULL,
chart_secondary_y_axis_title_weight = NULL,
chart_secondary_y_axis_title_color = NULL,
chart_secondary_y_axis_title_size = NULL,
chart_secondary_y_axis_title_padding = NULL,
chart_secondary_y_axis_tick_label_position = NULL,
chart_secondary_y_axis_tick_label_styling = NULL,
chart_secondary_y_axis_tick_label_size = NULL,
chart_secondary_y_axis_tick_label_color = NULL,
chart_secondary_y_axis_tick_padding = NULL,
chart_secondary_y_axis_tick_label_angle = NULL,
chart_secondary_y_axis_tick_label_weight = NULL,
chart_secondary_y_axis_tick_label_max_lines = NULL,
chart_secondary_y_axis_tick_label_line_height = NULL,
chart_secondary_y_axis_tick_label_space_mode = NULL,
chart_secondary_y_axis_tick_label_space = NULL,
chart_secondary_y_axis_tick_mode = NULL,
chart_secondary_y_axis_tick_number = NULL,
chart_secondary_y_axis_tick_custom = NULL,
chart_secondary_y_axis_line_and_tick_color = NULL,
chart_secondary_y_axis_line_and_tick_width = NULL,
chart_secondary_y_axis_tick_length = NULL,
chart_secondary_y_axis_tick_side = NULL,
chart_secondary_y_axis_line_visible = NULL,
chart_secondary_y_axis_edge_padding = NULL,
chart_secondary_y_axis_gridlines_visible = NULL,
chart_secondary_y_axis_gridlines_styling = NULL,
chart_secondary_y_axis_gridline_color = NULL,
chart_secondary_y_axis_gridline_style = NULL,
chart_secondary_y_axis_gridline_width = NULL,
chart_secondary_y_axis_gridline_category_dividers = NULL,
chart_secondary_y_axis_gridline_category_dividers_extend = NULL,
chart_background_background_color_enabled = NULL,
chart_background_background_image_enabled = NULL,
chart_background_background_color = NULL,
chart_background_background_image_src = NULL,
chart_background_background_image_size = NULL,
chart_background_background_image_position = NULL,
number_format_labels_prefix = NULL,
number_format_labels_suffix = NULL,
```

```
number_format_labels_n_dec = NULL,  
number_format_labels_advanced = NULL,  
number_format_labels_negative_sign = NULL,  
number_format_labels_strip_zeros = NULL,  
number_format_labels_strip_separator = NULL,  
number_format_labels_transform_labels = NULL,  
number_format_labels_transform = NULL,  
number_format_labels_multiply_divide_constant = NULL,  
number_format_labels_exponentiate_constant = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
number_format_prop = NULL,  
chart_secondary_number_date_format_prefix = NULL,  
chart_secondary_number_date_format_suffix = NULL,  
chart_secondary_number_date_format_n_dec = NULL,  
chart_secondary_number_date_format_advanced = NULL,  
chart_secondary_number_date_format_negative_sign = NULL,  
chart_secondary_number_date_format_strip_zeros = NULL,  
chart_secondary_number_date_format_strip_separator = NULL,  
chart_secondary_number_date_format_transform_labels = NULL,  
chart_secondary_number_date_format_transform = NULL,  
chart_secondary_number_date_format_multiply_divide_constant = NULL,  
chart_secondary_number_date_format_exponentiate_constant = NULL,  
legend_mode = NULL,  
legend_filter_mode = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,
```

```
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
legend_position = NULL,  
text_legend = NULL,  
text_legend_title = NULL,  
text_legend_subtitle = NULL,  
text_legend_bold = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,
```

```
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
popup_color_headers = NULL,  
show_series_text = NULL,  
popup_series_text = NULL,  
chart_axes_highlights_placement = NULL,  
chart_axes_highlights_x_enabled = NULL,  
chart_axes_highlights_x_lines = NULL,  
chart_axes_highlights_x_line_color = NULL,  
chart_axes_highlights_x_line_width = NULL,  
chart_axes_highlights_x_line_dash = NULL,  
chart_axes_highlights_x_areas = NULL,  
chart_axes_highlights_x_area_color = NULL,  
chart_axes_highlights_x_area_opacity = NULL,  
chart_axes_highlights_x_area_texture = NULL,  
chart_axes_highlights_x_label_vertical = NULL,  
chart_axes_highlights_x_label_y_position = NULL,  
chart_axes_highlights_x_label_x_position = NULL,  
chart_axes_highlights_x_label_max_width = NULL,  
chart_axes_highlights_x_font_size = NULL,  
chart_axes_highlights_x_font_weight = NULL,  
chart_axes_highlights_x_label_color = NULL,  
chart_axes_highlights_x_shadow_color = NULL,  
chart_axes_highlights_x_shadow_enabled = NULL,  
chart_axes_highlights_y_enabled = NULL,  
chart_axes_highlights_y_lines = NULL,  
chart_axes_highlights_y_line_color = NULL,  
chart_axes_highlights_y_line_width = NULL,  
chart_axes_highlights_y_line_dash = NULL,  
chart_axes_highlights_y_areas = NULL,  
chart_axes_highlights_y_area_color = NULL,  
chart_axes_highlights_y_area_opacity = NULL,  
chart_axes_highlights_y_area_texture = NULL,  
chart_axes_highlights_y_label_x_position = NULL,  
chart_axes_highlights_y_label_y_position = NULL,  
chart_axes_highlights_y_label_max_width = NULL,  
chart_axes_highlights_y_font_size = NULL,  
chart_axes_highlights_y_font_weight = NULL,  
chart_axes_highlights_y_label_color = NULL,
```



```
chart_axes_highlights_y_shadow_color = NULL,  
chart_axes_highlights_y_shadow_enabled = NULL,  
annotations_styles = NULL,  
chart_annotations_defaults_text_weight = NULL,  
chart_annotations_defaults_text_size = NULL,  
chart_annotations_defaults_text_color = NULL,  
chart_annotations_defaults_label_width = NULL,  
chart_annotations_defaults_text_background_mode = NULL,  
chart_annotations_defaults_text_bg = NULL,  
chart_annotations_defaults_label_bg = NULL,  
chart_annotations_defaults_text_alignment = NULL,  
chart_annotations_defaults_popup_position = NULL,  
chart_annotations_defaults_line_marker = NULL,  
chart_annotations_defaults_stroke_width = NULL,  
chart_annotations_defaults_stroke_color = NULL,  
chart_annotations_defaults_connector_extend_line = NULL,  
data_trans_duration = NULL,  
animate_on_load = NULL,  
data_trans_bind_series = NULL,  
data_trans_bind_data_points = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,
```

```
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,
```

```
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,  
chart_layout_footer_align_vertical = NULL,  
chart_layout_footer_border = NULL,  
chart_layout_footer_border_width = NULL,  
chart_layout_footer_border_color = NULL,  
chart_layout_footer_border_style = NULL,  
chart_layout_footer_border_space = NULL,  
chart_layout_screenreader_text_primary = NULL,  
chart_layout_screenreader_label = NULL,  
chart_layout_screenreader_hide_primary = NULL,
```

```

    chart_url_settings_enabled = NULL,
    chart_url_settings_whitelist = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
dual_axis	Axis type. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
secondary_series	Number of combo lines. In line-bar mode , sets how many of your value columns are treated as lines. In line-line mode , sets how many lines use the right axis. The order counts from the start, so if you want column B as a line and A as a column, set the order in the column bindings to "B, A". Flourish type hint: number, defaults to NULL
stack_sort	Stack sort mode. Choices: data, ascending, descending. Whether each stack is in the default order or sorted by value. Use ascending or descending with a stacked area chart to make a "bump" area chart. Flourish type hint: string, defaults to NULL
facet_layout	Grid mode. Choices: single, facets. By default, Grid of charts creates a mini chart for each series. If Grid of charts is set in your column bindings, a mini chart will be created for each unique value in your specified column. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, fill_space, aspect. Auto: sets the height based on the chart type, data and width. Standard: uses the default Flourish responsive sizing. Aspect ratio: sets the aspect of each plot. This setting is ignored when embedded in a fixed-height context, such as a simple iframe embedFlourish type hint: string, defaults to NULL
facet_aspect	Aspect (desktop). Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_mobile	Aspect (mobile). Aspect of each plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
sort_mode	Sort mode. Choices: data, value, label. Flourish type hint: string, defaults to NULL
chart_facet_columns_fixed	Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL
chart_facet_columns	Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL

chart_facet_min_width
Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL

chart_facet_min_width_fixed
Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL

chart_facet_custom_grid
Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL

chart_facet_custom_positions
Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL

chart_facet_max_width
Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL

chart_facet_gutter_w
Horizontal margin. Flourish type hint: number, defaults to NULL

chart_facet_gutter_h
Vertical margin. Flourish type hint: number, defaults to NULL

chart_facet_animation
On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL

chart_facet_titles
Show titles. Flourish type hint: boolean, defaults to NULL

chart_facet_title_align
Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL

chart_facet_title_size
Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL

chart_facet_title_unit
Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL

chart_facet_title_color
Color. Flourish type hint: color, defaults to NULL

chart_facet_title_padding_top
Space above. Flourish type hint: number, defaults to NULL

chart_facet_title_padding_bottom
Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg
Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL

chart_facet_title_bg_color	Background color. Flourish type hint: color, defaults to NULL
chart_facet_title_bg_padding	Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL
x_axis_matching	Same across grid. Ensure the X scale is the same across the grid. Flourish type hint: boolean, defaults to NULL
x_axis_last_row_only	Last row only. Only show the X axis on the last row, where possible. Ignored if the X axis is not positioned at the bottom. Flourish type hint: boolean, defaults to NULL
y_axis_matching	Same across grid. Ensure the Y scale is the same across the grid. Flourish type hint: boolean, defaults to NULL
y_axis_first_col_only	First column only. Only show the Y axis on the first column of the grid, where possible. Flourish type hint: boolean, defaults to NULL
y2_axis_matching	Same across grid. Ensure the secondary Y scale is the same across the grid. Flourish type hint: boolean, defaults to NULL
y2_axis_last_col_only	Last column only. Only show the secondary Y axis on the last column of the grid, where possible. Flourish type hint: boolean, defaults to NULL
series_filter_mode	Series filter. Choices: none, single, multi. Filter control for series/columns. The user can also filter by clicking on the legend, except in single select mode. Use the animation settings panel to determine whether series animate when changing the filter. Flourish type hint: string, defaults to NULL
series_control_multi_text	Placeholder text. Flourish type hint: string, defaults to NULL
series_control_multi_none_text	No more results text. Flourish type hint: string, defaults to NULL
series_control_select_text	Select text. Flourish type hint: string, defaults to NULL
max_series	Max series to show. Limits the number of series/columns that will be visualized at once. Flourish type hint: number, defaults to NULL
series_control_background	Background. Flourish type hint: color, defaults to NULL
series_control_text	Text. Flourish type hint: color, defaults to NULL
series_control_border	Border. Flourish type hint: color, defaults to NULL
series_control_pill_background	Background. Flourish type hint: color, defaults to NULL

series_control_pill_text
Text. Flourish type hint: color, defaults to NULL

series_control_pill_radius
Border radius. Flourish type hint: number, defaults to NULL

series_control_single_all
Include "All". Flourish type hint: boolean, defaults to NULL

series_control_single_all_text
Name for "All". Flourish type hint: string, defaults to NULL

filter_rows_with_no_data
Filter rows that have no data. This setting filters rows that have no data, this is useful in combination with filters and datasets that have a lot of empty cells. Flourish type hint: boolean, defaults to NULL

chart_series_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_series_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_series_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_series_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_series_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_series_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_series_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_series_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_series_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_series_filter_controls_sort
 Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

row_filter_control_all
 Include "All". Flourish type hint: boolean, defaults to NULL

row_filter_control_all_text
 Name for "All". Flourish type hint: string, defaults to NULL

chart_row_filter_controls_control_type
 Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_row_filter_controls_control_styles
 Adv. Flourish type hint: boolean, defaults to NULL

chart_row_filter_controls_control_title
 Control title. Flourish type hint: string, defaults to NULL

chart_row_filter_controls_button_group
 Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_row_filter_controls_button_group_width_mode
 Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_row_filter_controls_button_group_width_fixed
 Width. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_dropdown_width_mode
 Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_row_filter_controls_dropdown_width_fixed
 Width. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_slider_width
 Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_row_filter_controls_slider_max_label_width
 Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_slider_step_time
 Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_slider_loop
 Loop. Flourish type hint: boolean, defaults to NULL

chart_row_filter_controls_slider_restart_pause
 Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_row_filter_controls_sort
 Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

log_control_y_visible
 Show log control for Y axis. Adds a tabbed control to allow users to switch between log and linear Y scales. Flourish type hint: boolean, defaults to NULL

chart_log_control_y_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_log_control_y_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_log_control_y_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_log_control_y_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_log_control_y_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_log_control_y_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_log_control_y_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_log_control_y_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_log_control_y_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

log_control_y_text_linear
Linear text. Flourish type hint: string, defaults to NULL

log_control_y_text_log
Log text. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_controls_style_height`
Height. Flourish type hint: number, defaults to NULL

`chart_dropdown_control_style_background`
Background. Flourish type hint: color, defaults to NULL

`chart_dropdown_control_style_font_color`
Text color. Flourish type hint: color, defaults to NULL

`chart_dropdown_control_style_border_styles_advanced`
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

`chart_dropdown_control_style_border_style`
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

`chart_dropdown_control_style_border_width`
Border width. Flourish type hint: number, defaults to NULL

`chart_dropdown_control_style_border_color`
Color. Flourish type hint: color, defaults to NULL

`chart_dropdown_control_style_border_transparency`
Transparency. Flourish type hint: number, defaults to NULL

`chart_dropdown_control_style_border_radius`
Radius. Flourish type hint: number, defaults to NULL

`chart_button_control_style_background`
Background. Flourish type hint: color, defaults to NULL

`chart_button_control_style_background_selected`
Selected. Flourish type hint: color, defaults to NULL

`chart_button_control_style_background_hover`
Mouse over. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color`
Text color. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color_selected`
Selected. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color_hover`
Mouse over. Flourish type hint: color, defaults to NULL

`chart_button_control_style_button_styles_advanced`
Button border styles. Flourish type hint: boolean, defaults to NULL

`chart_button_control_style_border_width`
Border width. Flourish type hint: number, defaults to NULL

`chart_button_control_style_border_color`
Color. Flourish type hint: color, defaults to NULL

`chart_button_control_style_border_transparency`
Transparency. Flourish type hint: number, defaults to NULL

`chart_button_control_style_border_radius`
Radius. Flourish type hint: number, defaults to NULL

`chart_filter_controls_container_alignment`
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing	Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL
controls_position	Control position. Choices: log_series_row, series_log_row, log_row_series, series_row_log, row_log_series, row_series_log. If you have two or more controls turned on for your chart, you can change the order the controls appear. Flourish type hint: string, defaults to NULL
color_mode	Color mode. Choices: column, row. By column will set the colors by series. Each column listed in the value column binding in the datasheet will have a different color. By row will instead set the color depending on the data label/time column binding. Flourish type hint: string, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
chart_color_scale_categorical_custom_palette	Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL
chart_color_scale_numeric_type	Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
chart_color_scale_binning	Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL
chart_color_scale_bin_mode	Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL
chart_color_scale_bin_count	Number of bins. Flourish type hint: number, defaults to NULL
chart_color_scale_bin_thresholds	Custom thresholds. Enter your desired thresholds, separating them with ";". For instance, "5;10;15". Bins form as follows: From the data minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the data maximum value (domain maximum). For "5;10;15", you'll get four bins based on your data's range. Flourish type hint: string, defaults to NULL
chart_color_scale_sequential_palette	Palette. Flourish type hint: string, defaults to NULL
chart_color_scale_sequential_reverse	Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
 Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
 Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
 Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
 Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
 Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
 Max. Flourish type hint: number, defaults to NULL

line_width
 Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

line_opacity
 Opacity. Flourish type hint: number, defaults to NULL

line_stroke
 Outline. Add a stroke around your lines to enhance visibility when overlapping. Flourish type hint: boolean, defaults to NULL

line_curve
 Line curve. Choices: curve_linear, curve_monotone_x, curve_natural, curve_step, curve_step_before, curve_step_after. Flourish type hint: string, defaults to NULL

line_dash_items
 Dashed lines. Specify the series that you would like to display with a dashed line. Multiple dashed lines can be set using multiple lines. For example: Party 1 Party 2 Party 3. Flourish type hint: text, defaults to NULL

line_dash_width	Dash width. Flourish type hint: number, defaults to NULL
line_dash_space_width	Space width. Flourish type hint: number, defaults to NULL
line_interpolate	Missing data points. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
shade_between_lines	Shade areas between lines. Shade the gap between any two lines on your chart. Flourish type hint: boolean, defaults to NULL
shade_between_lines_config	Which lines to shade between. Specify each area as a pair of line names separated by ::. For example: Series A :: Series B Series C :: Series D You can optionally add a specific color and opacity for each area, e.g. Series A :: Series B :: red :: 0.1. Flourish type hint: text, defaults to NULL
shade_between_lines_color	Color. Flourish type hint: color, defaults to NULL
shade_between_lines_opacity	Opacity. Flourish type hint: number, defaults to NULL
area_opacity	Opacity. Flourish type hint: number, defaults to NULL
dot_mode	Choices: auto, on, off. " Auto will automatically show dots on lines if fewer than 250 data points. Note: avoid showing dots for large datasets since it can lead to poor performance issues and poor-looking charts". Flourish type hint: string, defaults to NULL
dot_opacity	Opacity. Flourish type hint: number, defaults to NULL
dot_radius	Radius. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
dot_radius_last	Final dot scale (%). Making the last point on a line larger can help emphasise the final value. This will usually be the dot furthest right on the axis. Flourish type hint: number, defaults to NULL
dot_hollow	Hollow. Flourish type hint: boolean, defaults to NULL
bar_height	Bar height. The approximate height of the bar, the exact height depends on padding and label style. Specified in rems Ignored if the chart is embedded at a fixed height. Flourish type hint: number, defaults to NULL
column_opacity	Bar opacity. Flourish type hint: number, defaults to NULL
uniform_column_width	Uniform column width. Flourish type hint: boolean, defaults to NULL
uniform_bar_height	Uniform bar height. Flourish type hint: boolean, defaults to NULL
column_padding_inner	Spacing (main). Space between bar stacks or groups, as a % of the width of a whole bar stack or group. Flourish type hint: number, defaults to NULL

column_padding_in_group	Spacing (in group). Space between bars in groups, as a % of the width of a single bar in the group. Ignored if only a single series is selected. Flourish type hint: number, defaults to NULL
column_padding_stack	Spacing (in stack). Space each bar in the stack, in tenths of a rem Flourish type hint: number, defaults to NULL
column_stroke	Outline. Add a stroke around your columns or bars (same color as text). Flourish type hint: boolean, defaults to NULL
column_stroke_opacity	Outline opacity. Flourish type hint: number, defaults to NULL
column_stroke_color	Outline color. Flourish type hint: color, defaults to NULL
donut_inner_radius	Doughnut hole (%). Flourish type hint: number, defaults to NULL
donut_corner_radius	Corner curve (pixels). Flourish type hint: number, defaults to NULL
donut_pad_angle	Segment padding (degrees). Flourish type hint: number, defaults to NULL
donut_auto_scale	Scale pies based on data. Scale each pie chart in the grid so that the area of each pie/donut reflect its value. Flourish type hint: boolean, defaults to NULL
bar_labels_above	Label style. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
bar_labels_color	Color. Flourish type hint: color, defaults to NULL
bar_labels_font_size	Size. When in Standard or Aspect ratio height mode, the font size of the labels will be limited to the space available. In rems Flourish type hint: number, defaults to NULL
bar_labels_weight	Choices: 600, 400. Flourish type hint: string, defaults to NULL
line_end_labels	Show labels on lines. Show series labels on the end of lines if theres enough space. Flourish type hint: boolean, defaults to NULL
chart_line_labels_max_width	Max label width. The maximum allowed label width. Flourish type hint: number, defaults to NULL
chart_line_labels_overlap_mode	Overlaps. Choices: spread, hide, none. What to do with overlaps. Flourish type hint: string, defaults to NULL
chart_line_labels_spreading_margin	Space between labels. The space left between labels when spreading them out to avoid overlaps. Flourish type hint: number, defaults to NULL
chart_line_labels_data_point_margin	Distance. The space between the data point and the label in rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_line_labels_show_only_labels	Show only certain labels. Manually specify which labels you'd like to display (one entry per line that should match headers from the Values columns). Flourish type hint: text, defaults to NULL
chart_line_labels_text_color	Color. If cleared, uses the main text color from the Layout settings panel. Flourish type hint: color, defaults to NULL
chart_line_labels_text_size	Size. Flourish type hint: number, defaults to NULL
chart_line_labels_text_bg_color	Outline. If cleared, uses the main background color from the Layout settings panel. Flourish type hint: color, defaults to NULL
chart_line_labels_text_bg_size	Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL
chart_line_labels_text_line_height	Line height. Flourish type hint: number, defaults to NULL
chart_line_labels_text_max_lines	Max lines. The max number of lines for each label. Flourish type hint: number, defaults to NULL
chart_line_labels_text_weight	Weight. Choices: 400, 700. Flourish type hint: string, defaults to NULL
chart_line_labels_lines	Connector lines. Choices: auto, on, off. Flourish type hint: string, defaults to NULL
chart_line_labels_line_style	Line style. Choices: straight, step. Flourish type hint: string, defaults to NULL
chart_line_labels_line_color	Color. If cleared, uses the main text color from the Layout settings panel. Flourish type hint: color, defaults to NULL
chart_line_labels_line_width	Width. In rems (a multiple of base font size). Flourish type hint: number, defaults to NULL
chart_line_labels_line_range	Length. The width of the space given over to lines; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL
chart_line_labels_line_padding	Padding. The padding to the left and right of the line; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL
labels	Show labels on data points. Flourish type hint: boolean, defaults to NULL
labels_hide_overlaps	Hide overlapping labels. Flourish type hint: boolean, defaults to NULL
labels_dot_center	Position labels on center of dot. Flourish type hint: boolean, defaults to NULL

labels_column_align	Bar label alignment. Choices: bottom, middle, top, above. The final above option puts the labels above the bars in standard column charts. In stacked charts, where the space above the stack is reserved for stack total the labels falls back to top alignment. Flourish type hint: string, defaults to NULL
labels_column_padding	Padding. Space above or below, as a proportion of the font size in rems Flourish type hint: number, defaults to NULL
labels_bar_align	Label alignment. Choices: left, center, right, out. In stacked bar charts the final out (outside of bar) option falls back to right alignment, since the space after the stack is reserved for stack total labels (see below). Flourish type hint: string, defaults to NULL
labels_bar_autohide	Hide if too big. Turn off to force labels to show, even if they will overflow the bars. Ignored when labels are not inside the bars. Flourish type hint: boolean, defaults to NULL
labels_color_mode	Text color. Choices: auto, data, contrast, fixed. Contrast mode is black or white depending on the color of the data point (or the background color for labels positioned over the background). Flourish type hint: string, defaults to NULL
labels_fixed_color	Color. Flourish type hint: color, defaults to NULL
labels_font_weight	Weight. Choices: 600, 400. Flourish type hint: string, defaults to NULL
labels_font_size_mode	Size. Choices: auto, fixed. Flourish type hint: string, defaults to NULL
labels_font_size	Size. Flourish type hint: number, defaults to NULL
labels_bg_mode	Outline. Choices: on, off. A text outline/background can make the text more readable by increasing contrast. Flourish type hint: string, defaults to NULL
labels_bg_size	Size. Size of the background, as % of text size. Flourish type hint: number, defaults to NULL
labels_content	Label content. Choices: auto, value, label, both. Flourish type hint: string, defaults to NULL
stack_labels	Show labels for stack totals. Flourish type hint: boolean, defaults to NULL
stack_labels_color	Color. Flourish type hint: color, defaults to NULL
stack_labels_font_size	Size. Flourish type hint: number, defaults to NULL
stack_labels_weight	Weight. Choices: 600, 400. Flourish type hint: string, defaults to NULL
chart_x_axis_axis_position	Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
Y value. Vertical position of the x axis on the y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
Min (date). Use the input date format as specified in the datasheet. Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
Max (date). Use the input date format as specified in the datasheet. Flourish type hint: string, defaults to NULL

chart_x_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Overridden by any explicitly specified scale min and max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Overridden by any explicitly specified scale min and max. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
Space mode. Choices: auto, max, fixed. How the vertical space available for tick labels is determined. "Auto" means that the space is automatically determined. "Max" lets you specify the maximum vertical space tick labels may occupy. "Fixed" lets you specify a fixed amount of vertical space for tick labels. Tick labels will be truncated to fit within the allocated horizontal space. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
Space. The space allocated for tick labels (relative to the root font size). Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
Mode. Choices: auto, number, custom. Determines how the tick values are chosen. "Auto" mode chooses the ticks automatically. "Number" mode lets you specify how many ticks are drawn. "Custom" mode lets you specify which ticks are drawn. If the axis is categorical, "Number" mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
Put lines between categories. On a categorical axis this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
Min (date). Use the same format as displayed in the axis. Flourish type hint: string, defaults to NULL

`chart_y_axis_datetime_max`
Max (date). Use the same format as displayed in the axis. Flourish type hint: string, defaults to NULL

`chart_y_axis_flip`
Flip axis. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_show_scale_settings`
Configure default min/max. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_nice`
Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_zero_axis`
Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_mode`
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

`chart_y_axis_title`
Text. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_title_position`
Position. Choices: side, end. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_color`
Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_title_size`
Size. Flourish type hint: number, defaults to NULL

`chart_y_axis_title_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_position`
Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_tick_label_size`
Size. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_color`
Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_tick_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_angle`
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_max_lines`
Max lines. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_space_mode`
Space mode. Choices: auto, max, fixed. Sets how the horizontal space available for tick labels is determined. "Auto" means that the space is automatically determined. "Max" lets you specify the maximum horizontal space tick labels may occupy. "Fixed" lets you specify a fixed amount of horizontal space for tick labels. Tick labels will be truncated to fit within the allocated horizontal space. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_space`
Space. The space allocated for tick labels (relative to the root font size). Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_mode`
Mode. Choices: auto, number, custom. Determines how the tick values are chosen. "Auto" mode chooses the ticks automatically. "Number" mode lets you specify how many ticks are drawn. "Custom" mode lets you specify which ticks are drawn. If the axis is categorical, "Number" mode is ignored. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_number`
Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_custom`
One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

`chart_y_axis_line_and_tick_color`
Line color. Flourish type hint: color, defaults to NULL

`chart_y_axis_line_and_tick_width`
Line width. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_length`
Tick length. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_side`
Side. Choices: out, in. Flourish type hint: string, defaults to NULL

`chart_y_axis_line_visible`
Axis line. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_edge_padding`
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

`chart_y_axis_gridlines_visible`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_gridlines_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_gridline_color`
Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_gridline_style`
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

`chart_y_axis_gridline_width`
Width. Flourish type hint: number, defaults to NULL

`chart_y_axis_gridline_category_dividers`
Put lines between categories. On a categorical axis this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_gridline_category_dividers_extend`
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_axis_visible`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_numeric_scale_type`
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

`chart_secondary_y_axis_linear_min`
Min. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_linear_max`
Max. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_log_min`
Min. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_log_max`
Max. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_datetime_min`
Min (date). Flourish type hint: string, defaults to NULL

`chart_secondary_y_axis_datetime_max`
Max (date). Flourish type hint: string, defaults to NULL

`chart_secondary_y_axis_flip`
Flip axis. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_show_scale_settings`
Configure default min/max. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_nice`
Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_zero_axis`
Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_title_position
Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_title_color
Color. Flourish type hint: color, defaults to NULL

chart_secondary_y_axis_title_size
Size. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_title_padding
Padding. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_position
Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_label_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_tick_label_size
Size. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_color
Color. Flourish type hint: color, defaults to NULL

chart_secondary_y_axis_tick_padding
Padding. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_angle
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_label_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_label_max_lines
Max lines. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_secondary_y_axis_tick_label_space_mode
Space mode. Choices: auto, max, fixed. Sets how the horizontal space available for tick labels is determined. "Auto" means that the space is automatically determined. "Max" lets you specify the maximum horizontal space tick labels may occupy. "Fixed" lets you specify a fixed amount of horizontal space for tick labels. Tick labels will be truncated to fit within the allocated horizontal space. Flourish type hint: string, defaults to NULL

chart_secondary_y_axis_tick_label_space
Space. The space allocated for tick labels (relative to the root font size). Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_tick_mode`
Mode. Choices: auto, number, custom. Determines how the tick values are chosen. "Auto" mode chooses the ticks automatically. "Number" mode lets you specify how many ticks are drawn. "Custom" mode lets you specify which ticks are drawn. If the axis is categorical, "Number" mode is ignored. Flourish type hint: string, defaults to NULL

`chart_secondary_y_axis_tick_number`
Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_tick_custom`
One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

`chart_secondary_y_axis_line_and_tick_color`
Line color. Flourish type hint: color, defaults to NULL

`chart_secondary_y_axis_line_and_tick_width`
Line width. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_tick_length`
Tick length. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_tick_side`
Side. Choices: out, in. Flourish type hint: string, defaults to NULL

`chart_secondary_y_axis_line_visible`
Axis line. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_edge_padding`
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_gridlines_visible`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_gridlines_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_secondary_y_axis_gridline_color`
Color. Flourish type hint: color, defaults to NULL

`chart_secondary_y_axis_gridline_style`
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

`chart_secondary_y_axis_gridline_width`
Width. Flourish type hint: number, defaults to NULL

`chart_secondary_y_axis_gridline_category_dividers`
Put lines between categories. On a categorical axis this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

chart_secondary_y_axis_gridline_category_dividers_extend
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_background_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_background_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_background_background_color
Color. Flourish type hint: color, defaults to NULL

chart_background_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_background_background_image_size
Size. Choices: stretch, slice, meet. Flourish type hint: string, defaults to NULL

chart_background_background_image_position
Position. Choices: x_min_y_min, x_mid_y_min, x_max_y_min, x_max_y_mid, x_mid_y_mid, x_min_y_max, x_mid_y_max, x_max_y_max. Flourish type hint: string, defaults to NULL

number_format_labels_prefix
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

number_format_labels_suffix
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

number_format_labels_n_dec
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

number_format_labels_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

number_format_labels_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

number_format_labels_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

number_format_labels_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

number_format_labels_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

number_format_labels_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

number_format_labels_multiply_divide_constant
Flourish type hint: number, defaults to NULL

number_format_labels_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

number_format_prop
Show % values. Toggles between showing the raw values from the datasheet and the computed percent values for the row in popups/panels. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_prefix
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_secondary_number_date_format_suffix
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_secondary_number_date_format_n_dec
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_secondary_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_secondary_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_secondary_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_secondary_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_secondary_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

legend_mode
Legend mode. Choices: auto, on, off. Auto mode hides the legend in certain situations, such as when each color is already explained by the chart titles in a grid of charts A legend will not show with a single entry. Flourish type hint: string, defaults to NULL

legend_filter_mode
Click legend to filter data. Choices: none, filter-in, filter-out. Single select : When clicked only shows the series selected Multi select : When clicked, hides series selected. Multiple series can be hidden Filterable legends are ignored in certain situations, such as when shading by series and using a series filter Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width	Width. Flourish type hint: number, defaults to NULL
chart_categorical_legend_swatch_height	Height. Flourish type hint: number, defaults to NULL
chart_categorical_legend_swatch_radius	Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL
chart_categorical_legend_legend_items_padding	Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL
chart_categorical_legend_swatch_outline	Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL
chart_categorical_legend_swatch_outline_color	Color. Flourish type hint: color, defaults to NULL
chart_categorical_legend_order_override	Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL
chart_categorical_legend_icon_height	Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL
chart_categorical_legend_icon_color	Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL
chart_categorical_legend_max_width	Max width. Flourish type hint: number, defaults to NULL
chart_categorical_legend_orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
legend_position	Legend position. Choices: above, below. Flourish type hint: string, defaults to NULL
text_legend	Add data colors to header text. Choices: auto, custom, off. When selected, this will change the color of any text in your header which matches the name of a series in your data. This feature can be used instead of a legend when there are a small number of series, or it can be used to highlight a particular series. Note using optional HTML in the header is disabled if using this feature. Flourish type hint: string, defaults to NULL
text_legend_title	Title. Flourish type hint: boolean, defaults to NULL
text_legend_subtitle	Subtitle. Flourish type hint: boolean, defaults to NULL
text_legend_bold	Bold. If checked, always use bold for colored items. Flourish type hint: boolean, defaults to NULL
chart_popup_mode	Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom	Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_popup_show_popup_styles	Show popup styles. Flourish type hint: boolean, defaults to NULL
chart_popup_popup_custom_header	Popup custom header. Use <code>{{VALUE}}</code> to include the numerical value of the current data point, or <code>{{SERIES}}</code> to display its series name. For any other selected columns use <code>{{column_name}}</code> . Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using <code>{{#if column_name}}</code> Text to display when column_name is not empty <code>{{/if}}</code> . For example, <code>{{Country}} {{#if Capital}}(Capital: <code>{{Capital}}</code>){{/if}}</code> . Flourish type hint: html, defaults to NULL
chart_popup_popup_custom_main	Popup custom main content. Use <code>{{VALUE}}</code> to include the numerical value of the current data point, or <code>{{SERIES}}</code> to display its series name. For any other selected columns use <code>{{column_name}}</code> . Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using <code>{{#if column_name}}</code> Text to display when column_name is not empty <code>{{/if}}</code> . For example, <code>{{Country}} {{#if Capital}}(Capital: <code>{{Capital}}</code>){{/if}}</code> . Flourish type hint: html, defaults to NULL
chart_popup_popup_custom_accessible	Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use <code>{{column_name}}</code> to add values from your data, but do not use HTML. For example: <code>{{Name}}</code> , Population: <code>{{Population}}</code> , GDP: <code>{{GDP}}</code> . If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL
chart_popup_popup_width	Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL
chart_popup_popup_font_size	Text size. Flourish type hint: number, defaults to NULL
chart_popup_popup_text_color	Text color. Flourish type hint: color, defaults to NULL
chart_popup_popup_align	Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL
chart_popup_popup_background	Fill color. Flourish type hint: color, defaults to NULL
chart_popup_popup_background_opacity	Fill opacity. Flourish type hint: number, defaults to NULL
chart_popup_popup_padding	Padding. Flourish type hint: number, defaults to NULL
chart_popup_popup_radius	Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL
chart_popup_popup_header_type	Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. Use {{VALUE}} to include the numerical value of the current data point, or {{SERIES}} to display its series name. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}} Text to display when column_name is not empty {{/if}}. For example, {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. Use {{VALUE}} to include the numerical value of the current data point, or {{SERIES}} to display its series name. For any other selected columns use {{column_name}}. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using {{#if column_name}} Text to display when column_name is not empty {{/if}}. For example, {{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

popup_color_headers
Color headers to match data. Flourish type hint: boolean, defaults to NULL

show_series_text
Set series info in popups. Allows you to add information about each series/column (e.g. each line) to the popups. Note: This is incompatible with custom popup content. Flourish type hint: boolean, defaults to NULL

popup_series_text
 Popup content for series. Adds content to the popup about the series. Separate column name and text with a double colon. For example: Series 1 :: Comment about Series 1 Series 2 :: Comment about series 2. Flourish type hint: text, defaults to NULL

chart_axes_highlights_placement
 Placement of axis highlights. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_enabled
 Show highlights on the x axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_lines
 One per line, in format “My label :: 2012”. One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart. Use the format: My label :: 2012 :: line_color / text_color :: facet_name. For example, My label :: 2012 :: #eb0000 / #0084bd :: Category 1. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: : Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_line_color
 Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_line_width
 Line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_line_dash
 Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_areas
 One per line, in format “My label :: 2013 » 2015”. One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example, My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1. Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_area_color
 Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_area_opacity
 Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_area_texture
 Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_vertical
 Vertical. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_label_y_position
 Y position. Choices: bottom, middle, top. Vertically position the label at the top, bottom or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_x_position
 X position. Choices: left, middle, right. Horizontally position the label on the left, the right or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_max_width
 Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_size
 Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_weight
 Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_color
 Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_color
 Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_enabled
 Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_enabled
 Show highlights on the y axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_lines
 One per line, in format “My label :: 5000”. One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: line_color / text_color :: facet_name. For example: My label :: 2012 :: #eb0000 / #0084bd :: Category 1. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: : Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_line_color
 Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_line_width
 line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_line_dash
 Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_areas
 One per line, in format “My label :: 2000 » 8000”. One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example: My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1. Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_area_color
 Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_area_opacity
 Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_area_texture
Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_x_position
X position. Choices: left, middle, right. Horizontally position label on the left, the middle or the right end of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_y_position
Y position. Choices: above, middle, below. Vertically position the label above, below or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_size
Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_weight
Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_color
Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_color
Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_enabled
Shadow. Flourish type hint: boolean, defaults to NULL

annotations_styles
Show styling options. Flourish type hint: boolean, defaults to NULL

chart_annotations_defaults_text_weight
Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_size
Text size. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_width
Max width. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_background_mode
Text background. Choices: none, outline, background. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_bg
Outline. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_bg
Background. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_text_alignment
Alignment. Choices: auto, start, center, end. Flourish type hint: string, defaults to NULL

- chart_annotatations_defaults_popup_position
Popup position. Choices: center, left, right, top, bottom. Flourish type hint: string, defaults to NULL
- chart_annotatations_defaults_line_marker
Marker. Choices: none, arrowhead_open, arrowhead. Flourish type hint: string, defaults to NULL
- chart_annotatations_defaults_stroke_width
Width. Flourish type hint: number, defaults to NULL
- chart_annotatations_defaults_stroke_color
Color. Flourish type hint: color, defaults to NULL
- chart_annotatations_defaults_connector_extend_line
Extend line. Choices: enabled, disabled. Flourish type hint: string, defaults to NULL
- data_trans_duration
Animation duration. The duration of transitions in milliseconds, for example between two slides in a story. Flourish type hint: number, defaults to NULL
- animate_on_load
Animate on load. Flourish type hint: boolean, defaults to NULL
- data_trans_bind_series
Only animate series with same name. Determines how animations work when the data changes (e.g. between slides in a story). When this is on, series (e.g. lines) will attempt to animate to become another line only if they have the same name (i.e. the same column header). Flourish type hint: boolean, defaults to NULL
- data_trans_bind_data_points
Only animate points with same label. Determines how animations work when the data changes (e.g. between slides in a story). When this is on, data points (e.g. dots or bars) will attempt to animate to become other data points if they have the same label (e.g. date or category). Flourish type hint: boolean, defaults to NULL
- chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL
- chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL
- chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
- chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
- chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL
- chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_title_font`
Title Font. Flourish type hint: font, defaults to NULL

`chart_layout_title_size`
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`chart_layout_title_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_title_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_title_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_title_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_title_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_title_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle`
Flourish type hint: html, defaults to NULL

`chart_layout_subtitle_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_subtitle_font`
Subtitle Font. Flourish type hint: font, defaults to NULL

`chart_layout_subtitle_size`
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_subtitle_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_subtitle_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_text`
Flourish type hint: html, defaults to NULL

`chart_layout_header_text_styling`
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
 Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
 Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
 Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
 Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
 Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
 Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
 Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
 Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
 Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
 Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
 Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
 Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
 Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
 Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
 Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
 Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
 Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
 Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
 Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add

{{data_last_updated}}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling

Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format

Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled

Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src

Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light

Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt

Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url

Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height

Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin

Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order

Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical

V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border

Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width

Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color

Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style

Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space

Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary

Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher

than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label

Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_url_settings_enabled

Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL

chart_url_settings_whitelist

Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "line", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_line_bar_pie_data(gapminder) |>
  set_line_bar_pie_details()
)
```

set_marimekko_details *Set marimekko chart details*

Description

Set marimekko chart details

Usage

```
set_marimekko_details(
  .,
  sort_by = NULL,
  sort_direction = NULL,
  orientation = NULL,
```

```
height_mode = NULL,  
facet_aspect = NULL,  
facet_aspect_mobile = NULL,  
facet_aspect_breakpoint = NULL,  
stack_padding_stacked = NULL,  
stack_padding_unstacked = NULL,  
color_mode = NULL,  
stack_fade = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
enable_labels = NULL,  
label_position = NULL,  
chart_labels_max_width = NULL,  
chart_labels_overlap_mode = NULL,  
chart_labels_spreading_margin = NULL,  
chart_labels_data_point_margin = NULL,  
chart_labels_show_only_labels = NULL,  
chart_labels_text_color = NULL,  
chart_labels_text_size = NULL,  
chart_labels_text_bg_color = NULL,  
chart_labels_text_bg_size = NULL,  
chart_labels_text_line_height = NULL,  
chart_labels_text_max_lines = NULL,  
chart_labels_text_weight = NULL,
```

```
chart_labels_lines = NULL,  
chart_labels_line_style = NULL,  
chart_labels_line_color = NULL,  
chart_labels_line_width = NULL,  
chart_labels_line_range = NULL,  
chart_labels_line_padding = NULL,  
chart_facet_columns_fixed = NULL,  
chart_facet_columns = NULL,  
chart_facet_min_width = NULL,  
chart_facet_min_width_fixed = NULL,  
chart_facet_custom_grid = NULL,  
chart_facet_custom_positions = NULL,  
chart_facet_max_width = NULL,  
chart_facet_gutter_w = NULL,  
chart_facet_gutter_h = NULL,  
chart_facet_animation = NULL,  
chart_facet_titles = NULL,  
chart_facet_title_align = NULL,  
chart_facet_title_size = NULL,  
chart_facet_title_unit = NULL,  
chart_facet_title_color = NULL,  
chart_facet_title_padding_top = NULL,  
chart_facet_title_padding_bottom = NULL,  
chart_facet_title_bg = NULL,  
chart_facet_title_bg_color = NULL,  
chart_facet_title_bg_padding = NULL,  
x_as_percentage = NULL,  
matching_x_axis = NULL,  
chart_x_axis_axis_position = NULL,  
chart_x_axis_y_axis_position = NULL,  
chart_x_axis_numeric_scale_type = NULL,  
chart_x_axis_linear_min = NULL,  
chart_x_axis_linear_max = NULL,  
chart_x_axis_log_min = NULL,  
chart_x_axis_log_max = NULL,  
chart_x_axis_datetime_min = NULL,  
chart_x_axis_datetime_max = NULL,  
chart_x_axis_flip = NULL,  
chart_x_axis_show_scale_settings = NULL,  
chart_x_axis_nice = NULL,  
chart_x_axis_zero_axis = NULL,  
chart_x_axis_title_mode = NULL,  
chart_x_axis_title = NULL,  
chart_x_axis_title_styling = NULL,  
chart_x_axis_title_weight = NULL,  
chart_x_axis_title_color = NULL,  
chart_x_axis_title_size = NULL,  
chart_x_axis_title_padding = NULL,
```

```
chart_x_axis_tick_label_position = NULL,
chart_x_axis_tick_label_styling = NULL,
chart_x_axis_tick_label_size = NULL,
chart_x_axis_tick_label_color = NULL,
chart_x_axis_tick_padding = NULL,
chart_x_axis_tick_label_angle = NULL,
chart_x_axis_tick_label_weight = NULL,
chart_x_axis_tick_label_max_lines = NULL,
chart_x_axis_tick_label_line_height = NULL,
chart_x_axis_tick_label_space_mode = NULL,
chart_x_axis_tick_label_space = NULL,
chart_x_axis_tick_mode = NULL,
chart_x_axis_tick_number = NULL,
chart_x_axis_tick_custom = NULL,
chart_x_axis_line_and_tick_color = NULL,
chart_x_axis_line_and_tick_width = NULL,
chart_x_axis_tick_length = NULL,
chart_x_axis_tick_side = NULL,
chart_x_axis_line_visible = NULL,
chart_x_axis_edge_padding = NULL,
chart_x_axis_gridlines_visible = NULL,
chart_x_axis_gridlines_styling = NULL,
chart_x_axis_gridline_color = NULL,
chart_x_axis_gridline_style = NULL,
chart_x_axis_gridline_width = NULL,
chart_x_axis_gridline_category_dividers = NULL,
chart_x_axis_gridline_category_dividers_extend = NULL,
chart_x_axis_number_date_format_prefix = NULL,
chart_x_axis_number_date_format_suffix = NULL,
chart_x_axis_number_date_format_n_dec = NULL,
chart_x_axis_number_date_format_advanced = NULL,
chart_x_axis_number_date_format_negative_sign = NULL,
chart_x_axis_number_date_format_strip_zeros = NULL,
chart_x_axis_number_date_format_strip_separator = NULL,
chart_x_axis_number_date_format_transform_labels = NULL,
chart_x_axis_number_date_format_transform = NULL,
chart_x_axis_number_date_format_multiply_divide_constant = NULL,
chart_x_axis_number_date_format_exponentiate_constant = NULL,
y_as_percentage = NULL,
matching_y_axis = NULL,
chart_y_axis_axis_visible = NULL,
chart_y_axis_numeric_scale_type = NULL,
chart_y_axis_linear_min = NULL,
chart_y_axis_linear_max = NULL,
chart_y_axis_log_min = NULL,
chart_y_axis_log_max = NULL,
chart_y_axis_datetime_min = NULL,
chart_y_axis_datetime_max = NULL,
```

```
chart_y_axis_flip = NULL,  
chart_y_axis_show_scale_settings = NULL,  
chart_y_axis_nice = NULL,  
chart_y_axis_zero_axis = NULL,  
chart_y_axis_title_mode = NULL,  
chart_y_axis_title = NULL,  
chart_y_axis_title_styling = NULL,  
chart_y_axis_title_position = NULL,  
chart_y_axis_title_weight = NULL,  
chart_y_axis_title_color = NULL,  
chart_y_axis_title_size = NULL,  
chart_y_axis_title_padding = NULL,  
chart_y_axis_tick_label_position = NULL,  
chart_y_axis_tick_label_styling = NULL,  
chart_y_axis_tick_label_size = NULL,  
chart_y_axis_tick_label_color = NULL,  
chart_y_axis_tick_padding = NULL,  
chart_y_axis_tick_label_angle = NULL,  
chart_y_axis_tick_label_weight = NULL,  
chart_y_axis_tick_label_max_lines = NULL,  
chart_y_axis_tick_label_line_height = NULL,  
chart_y_axis_tick_label_space_mode = NULL,  
chart_y_axis_tick_label_space = NULL,  
chart_y_axis_tick_mode = NULL,  
chart_y_axis_tick_number = NULL,  
chart_y_axis_tick_custom = NULL,  
chart_y_axis_line_and_tick_color = NULL,  
chart_y_axis_line_and_tick_width = NULL,  
chart_y_axis_tick_length = NULL,  
chart_y_axis_tick_side = NULL,  
chart_y_axis_line_visible = NULL,  
chart_y_axis_edge_padding = NULL,  
chart_y_axis_gridlines_visible = NULL,  
chart_y_axis_gridlines_styling = NULL,  
chart_y_axis_gridline_color = NULL,  
chart_y_axis_gridline_style = NULL,  
chart_y_axis_gridline_width = NULL,  
chart_y_axis_gridline_category_dividers = NULL,  
chart_y_axis_gridline_category_dividers_extend = NULL,  
chart_y_axis_number_date_format_prefix = NULL,  
chart_y_axis_number_date_format_suffix = NULL,  
chart_y_axis_number_date_format_n_dec = NULL,  
chart_y_axis_number_date_format_advanced = NULL,  
chart_y_axis_number_date_format_negative_sign = NULL,  
chart_y_axis_number_date_format_strip_zeros = NULL,  
chart_y_axis_number_date_format_strip_separator = NULL,  
chart_y_axis_number_date_format_transform_labels = NULL,  
chart_y_axis_number_date_format_transform = NULL,
```

```
chart_y_axis_number_date_format_multiply_divide_constant = NULL,  
chart_y_axis_number_date_format_exponentiate_constant = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
filter_show_all = NULL,  
filter_show_all_text = NULL,  
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,
```

```
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,
```



```
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
chart_axes_highlights_x_enabled = NULL,  
chart_axes_highlights_x_lines = NULL,  
chart_axes_highlights_x_line_color = NULL,  
chart_axes_highlights_x_line_width = NULL,  
chart_axes_highlights_x_line_dash = NULL,  
chart_axes_highlights_x_areas = NULL,  
chart_axes_highlights_x_area_color = NULL,  
chart_axes_highlights_x_area_opacity = NULL,  
chart_axes_highlights_x_area_texture = NULL,  
chart_axes_highlights_x_label_vertical = NULL,  
chart_axes_highlights_x_label_y_position = NULL,  
chart_axes_highlights_x_label_x_position = NULL,  
chart_axes_highlights_x_label_max_width = NULL,  
chart_axes_highlights_x_font_size = NULL,  
chart_axes_highlights_x_font_weight = NULL,  
chart_axes_highlights_x_label_color = NULL,  
chart_axes_highlights_x_shadow_color = NULL,  
chart_axes_highlights_x_shadow_enabled = NULL,  
chart_axes_highlights_y_enabled = NULL,  
chart_axes_highlights_y_lines = NULL,  
chart_axes_highlights_y_line_color = NULL,  
chart_axes_highlights_y_line_width = NULL,  
chart_axes_highlights_y_line_dash = NULL,  
chart_axes_highlights_y_areas = NULL,  
chart_axes_highlights_y_area_color = NULL,  
chart_axes_highlights_y_area_opacity = NULL,  
chart_axes_highlights_y_area_texture = NULL,  
chart_axes_highlights_y_label_x_position = NULL,  
chart_axes_highlights_y_label_y_position = NULL,  
chart_axes_highlights_y_label_max_width = NULL,  
chart_axes_highlights_y_font_size = NULL,  
chart_axes_highlights_y_font_weight = NULL,  
chart_axes_highlights_y_label_color = NULL,  
chart_axes_highlights_y_shadow_color = NULL,
```

```
chart_axes_highlights_y_shadow_enabled = NULL,  
axes_highlights_stack_order = NULL,  
annotations_styles = NULL,  
chart_annotations_defaults_text_weight = NULL,  
chart_annotations_defaults_text_size = NULL,  
chart_annotations_defaults_text_color = NULL,  
chart_annotations_defaults_label_width = NULL,  
chart_annotations_defaults_text_background_mode = NULL,  
chart_annotations_defaults_text_bg = NULL,  
chart_annotations_defaults_label_bg = NULL,  
chart_annotations_defaults_text_alignment = NULL,  
chart_annotations_defaults_popup_position = NULL,  
chart_annotations_defaults_line_marker = NULL,  
chart_annotations_defaults_stroke_width = NULL,  
chart_annotations_defaults_stroke_color = NULL,  
chart_annotations_defaults_connector_extend_line = NULL,  
animation_duration = NULL,  
chart_background_background_color_enabled = NULL,  
chart_background_background_image_enabled = NULL,  
chart_background_background_color = NULL,  
chart_background_background_image_src = NULL,  
chart_background_background_image_size = NULL,  
chart_background_background_image_position = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,
```

```
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,
```

```
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,  
chart_layout_footer_align_vertical = NULL,  
chart_layout_footer_border = NULL,  
chart_layout_footer_border_width = NULL,  
chart_layout_footer_border_color = NULL,  
chart_layout_footer_border_style = NULL,  
chart_layout_footer_border_space = NULL,
```

```

    chart_layout_screenreader_text_primary = NULL,
    chart_layout_screenreader_label = NULL,
    chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
sort_by	Sort by. Choices: none, unstacked, stacked. Whether your chart is sorted by the primary (unstacked) or the secondary (stacked) metric. Flourish type hint: string, defaults to NULL
sort_direction	Sort direction. Choices: desc, asc. Flourish type hint: string, defaults to NULL
orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, aspect_ratio. How the graphics height is determined. Auto uses the default Flourish responsive sizing. In Aspect ratio mode, you set the aspect ratio of the plot, and the container will be updated to accommodate it (not supported when embedded in a simple fixed-height iframe). Flourish type hint: string, defaults to NULL
facet_aspect	Aspect (desktop). Aspect ratio of each chart in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_mobile	Aspect (mobile). Aspect ratio of each chart in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins (in px). Flourish type hint: number, defaults to NULL
stack_padding_stacked	Space between stacked values. The space between stacked values (in rems). Flourish type hint: number, defaults to NULL
stack_padding_unstacked	Space between stacks. The space between stacks (in rems). Flourish type hint: number, defaults to NULL
color_mode	Color mode. Choices: stack, bar. In order to color by stack, you need to have at least two columns bound to the Secondary metric Flourish type hint: string, defaults to NULL
stack_fade	Stack fade. How quickly the stacks fade. (Use 1 for no fade). Flourish type hint: number, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

`chart_color_scale_binning`
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to NULL

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_sequential_domain_max`
Max. Flourish type hint: number, defaults to NULL

`chart_color_scale_diverging_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_diverging_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

enable_labels Show labels. Choices: auto, on, off. Auto turns labels off if there are more than 50. Flourish type hint: string, defaults to NULL

label_position Label position. Choices: edge_of_chart, edge_of_bar. This alters the position of the label from being at the edge of the chart to the edge of the bars. Note these two positions will only be different when the secondary measure is not being treated as a percentage. Flourish type hint: string, defaults to NULL

chart_labels_max_width
Max label width. The maximum allowed label width. Flourish type hint: number, defaults to NULL

chart_labels_overlap_mode
Overlaps. Choices: spread, hide, none. What to do with overlaps. Flourish type hint: string, defaults to NULL

chart_labels_spreading_margin
Space between labels. The space left between labels when spreading them out to avoid overlaps. Flourish type hint: number, defaults to NULL

chart_labels_data_point_margin
Distance. The space between the data point and the label in rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_labels_show_only_labels
Show only certain labels. Manually specify which labels you'd like to display (one entry per line). Flourish type hint: text, defaults to NULL

chart_labels_text_color
Color. Flourish type hint: color, defaults to NULL

chart_labels_text_size
Size. Flourish type hint: number, defaults to NULL

chart_labels_text_bg_color
Outline. Flourish type hint: color, defaults to NULL

chart_labels_text_bg_size
Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL

chart_labels_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_labels_text_max_lines
Max lines. The max number of lines for each label. Flourish type hint: number, defaults to NULL

chart_labels_text_weight
Weight. Choices: 400, 700. Flourish type hint: string, defaults to NULL

chart_labels_lines
Connector lines. Choices: auto, on, off. Flourish type hint: string, defaults to NULL

chart_labels_line_style
Line style. Choices: straight, step. Flourish type hint: string, defaults to NULL

chart_labels_line_color
Color. Flourish type hint: color, defaults to NULL

chart_labels_line_width
Width. In rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

chart_labels_line_range
Length. The width of the space given over to lines; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_labels_line_padding
Padding. The padding to the left and right of the line; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL

chart_facet_columns_fixed
Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL

chart_facet_columns
Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL

chart_facet_min_width
Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL

chart_facet_min_width_fixed
Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL

chart_facet_custom_grid
Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL

chart_facet_custom_positions
Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1
Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL

chart_facet_max_width	Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL
chart_facet_gutter_w	Horizontal margin. Flourish type hint: number, defaults to NULL
chart_facet_gutter_h	Vertical margin. Flourish type hint: number, defaults to NULL
chart_facet_animation	On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL
chart_facet_titles	Show titles. Flourish type hint: boolean, defaults to NULL
chart_facet_title_align	Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL
chart_facet_title_size	Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL
chart_facet_title_unit	Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL
chart_facet_title_color	Color. Flourish type hint: color, defaults to NULL
chart_facet_title_padding_top	Space above. Flourish type hint: number, defaults to NULL
chart_facet_title_padding_bottom	Space below. Flourish type hint: number, defaults to NULL
chart_facet_title_bg	Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL
chart_facet_title_bg_color	Background color. Flourish type hint: color, defaults to NULL
chart_facet_title_bg_padding	Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL
x_as_percentage	Treat as percentage. Displays values summed to 100%. This is useful for comparing proportional contributions across all categories. Flourish type hint: boolean, defaults to NULL
matching_x_axis	Match x axes across facets. Flourish type hint: boolean, defaults to NULL
chart_x_axis_axis_position	Choices: bottom, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space
Space. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_mode
Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_number
Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_custom
One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL

chart_x_axis_line_and_tick_color
Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

`chart_x_axis_line_visible`
Axis line. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_edge_padding`
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

`chart_x_axis_gridlines_visible`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_gridlines_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_gridline_color`
Color. Flourish type hint: color, defaults to NULL

`chart_x_axis_gridline_style`
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

`chart_x_axis_gridline_width`
Width. Flourish type hint: number, defaults to NULL

`chart_x_axis_gridline_category_dividers`
Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_gridline_category_dividers_extend`
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_number_date_format_prefix`
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

`chart_x_axis_number_date_format_suffix`
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

`chart_x_axis_number_date_format_n_dec`
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

`chart_x_axis_number_date_format_advanced`
Advanced. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_number_date_format_negative_sign`
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

`chart_x_axis_number_date_format_strip_zeros`
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_number_date_format_strip_separator`
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_number_date_format_transform_labels`
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_x_axis_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

y_as_percentage
Treat as percentage. Displays values summed to 100%. This is useful for comparing proportional contributions across all categories. Flourish type hint: boolean, defaults to NULL

matching_y_axis
Match y axes across facets. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
Text. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_styling`
 Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_title_position`
 Position. Choices: side, end. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_weight`
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_title_size`
 Size. Flourish type hint: number, defaults to NULL

`chart_y_axis_title_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_position`
 Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_styling`
 Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_tick_label_size`
 Size. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_tick_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_angle`
 Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_weight`
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_max_lines`
 Max lines. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_line_height`
 Line height. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_space_mode`
 Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_space`
 Space. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_mode`
 Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_number`
 Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_custom`
One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

`chart_y_axis_line_and_tick_color`
Line color. Flourish type hint: color, defaults to NULL

`chart_y_axis_line_and_tick_width`
Line width. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_length`
Tick length. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_side`
Side. Choices: out, in. Flourish type hint: string, defaults to NULL

`chart_y_axis_line_visible`
Axis line. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_edge_padding`
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

`chart_y_axis_gridlines_visible`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_gridlines_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_gridline_color`
Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_gridline_style`
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

`chart_y_axis_gridline_width`
Width. Flourish type hint: number, defaults to NULL

`chart_y_axis_gridline_category_dividers`
Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_gridline_category_dividers_extend`
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_number_date_format_prefix`
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

`chart_y_axis_number_date_format_suffix`
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

`chart_y_axis_number_date_format_n_dec`
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_y_axis_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_y_axis_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_y_axis_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_y_axis_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_show_all
Include "All". Flourish type hint: boolean, defaults to NULL

filter_show_all_text
Name for "All". Leave blank to not include an All option. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override	Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL
chart_categorical_legend_icon_height	Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL
chart_categorical_legend_icon_color	Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL
chart_categorical_legend_max_width	Max width. Flourish type hint: number, defaults to NULL
chart_categorical_legend_orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
chart_legend_container_alignment	Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL
chart_legend_container_orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
chart_legend_container_title_weight	Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
chart_legend_container_text_weight	Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
chart_legend_container_text_color	Color. Flourish type hint: color, defaults to NULL
chart_legend_container_text_size	Size. Flourish type hint: number, defaults to NULL
chart_popup_mode	Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL
chart_popup_popup_is_custom	Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_popup_show_popup_styles	Show popup styles. Flourish type hint: boolean, defaults to NULL
chart_popup_popup_custom_header	Popup custom header. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using <code>{{#if column_name}}Content for non-empty column</code> . For example: <code>{{#if Capital name}}Capital:{{/if}} {{Capital name}}</code> . Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
chart_popup_popup_custom_main	Popup custom main content. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of

the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

`chart_popup_popup_custom_accessible`

Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}`, `Population: {{Population}}`, `GDP: {{GDP}}`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

`chart_popup_popup_width`

Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

`chart_popup_popup_font_size`

Text size. Flourish type hint: number, defaults to NULL

`chart_popup_popup_text_color`

Text color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_align`

Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_popup_popup_background`

Fill color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_background_opacity`

Fill opacity. Flourish type hint: number, defaults to NULL

`chart_popup_popup_padding`

Padding. Flourish type hint: number, defaults to NULL

`chart_popup_popup_radius`

Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

`chart_popup_popup_header_type`

Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

`chart_popup_popup_header_background`

Background. Flourish type hint: color, defaults to NULL

`chart_popup_popup_header_text_color`

Text. Flourish type hint: color, defaults to NULL

`chart_popup_popup_list_type`

List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

`chart_popup_popup_list_label_weight`

Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

`chart_popup_popup_list_separator`

List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

`chart_popup_popup_shadow`

Shadow. Flourish type hint: boolean, defaults to NULL

`chart_popup_popup_pointer`

Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
 Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
 Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
 Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
 Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
 Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
 Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
 Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content` for non-empty column. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
 Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content` for non-empty column_name`{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
 Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
 Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
 Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
 Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
 Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
 Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
 Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_enabled
Show highlights on the x axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_lines
One per line, in format “My label :: 2012”. One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart. Use the format: My label :: 2012 :: line_color / text_color :: facet_name. For example, My label :: 2012 :: #eb0000 / #0084bd :: Category 1. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: : Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_line_color
Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_line_width
Line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_line_dash
Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_areas
One per line, in format “My label :: 2013 » 2015”. One per line, using the format : My label :: date » date For dates, use the input format as specified in the

datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example, My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1. Flourish type hint: text, defaults to NULL

chart_axes_highlights_x_area_color

Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_area_opacity

Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_area_texture

Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_vertical

Vertical. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_x_label_y_position

Y position. Choices: bottom, middle, top. Vertically position the label at the top, bottom or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_x_position

X position. Choices: left, middle, right. Horizontally position the label on the left, the right or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_max_width

Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_size

Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_x_font_weight

Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_x_label_color

Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_color

Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_x_shadow_enabled

Shadow. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_enabled

Show highlights on the y axis. Flourish type hint: boolean, defaults to NULL

chart_axes_highlights_y_lines

One per line, in format “My label :: 5000”. One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: line_color / text_color :: facet_name. For example: My label :: 2012 :: #eb0000 / #0084bd :: Category 1. If you want to add an annotation to just one specific chart but do not want to color

the line/text, you can leave that part blank. For example: My label :: 2012 :: :: Category 1 Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_line_color
Line color. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_line_width
line width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_line_dash
Dash. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_areas
One per line, in format “My label :: 2000 » 8000”. One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example: My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1. Flourish type hint: text, defaults to NULL

chart_axes_highlights_y_area_color
Area. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_area_opacity
Area opacity. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_area_texture
Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_x_position
X position. Choices: left, middle, right. Horizontally position label on the left, the middle or the right end of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_y_position
Y position. Choices: above, middle, below. Vertically position the label above, below or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_size
Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_weight
Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_color
Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_color
Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_enabled
Shadow. Flourish type hint: boolean, defaults to NULL

axes_highlights_stack_order
Stack order. Choices: above_data, below_data. Whether your axis highlights should be displayed above or below your chart area. Flourish type hint: string, defaults to NULL

annotations_styles
Show styling options. Flourish type hint: boolean, defaults to NULL

chart_annotations_defaults_text_weight
Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_size
Text size. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_width
Max width. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_background_mode
Text background. Choices: none, outline, background. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_bg
Outline. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_bg
Background. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_text_alignment
Alignment. Choices: auto, start, center, end. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_popup_position
Popup position. Choices: center, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_line_marker
Marker. Choices: none, arrowhead_open, arrowhead. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_stroke_width
Width. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_stroke_color
Color. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_connector_extend_line
Extend line. Choices: enabled, disabled. Flourish type hint: string, defaults to NULL

animation_duration
Animation duration. The duration of the animation (in seconds) when changing data or mode for example, between slides in a story Flourish type hint: number, defaults to NULL

chart_background_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_background_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_background_background_color
Color. Flourish type hint: color, defaults to NULL

chart_background_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_background_background_image_size
Size. Choices: stretch, slice, meet. Flourish type hint: string, defaults to NULL

chart_background_background_image_position
Position. Choices: x_min_y_min, x_mid_y_min, x_max_y_min, x_max_y_mid, x_mid_y_mid, x_min_y_max, x_mid_y_max, x_max_y_max. Flourish type hint: string, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "marimekko", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_marimekko_data(gapminder) |>
  set_marimekko_details()
)
```



```
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
node_scale_pack = NULL,  
constant_node_radius = NULL,  
min_node_radius = NULL,  
max_node_radius = NULL,  
point_opacity = NULL,  
fade_opacity = NULL,  
image_opacity = NULL,  
node_stroke_width = NULL,  
node_stroke_color = NULL,  
node_highlight_stroke_color = NULL,  
points_advanced = NULL,  
node_scale_type = NULL,  
max_node_value = NULL,  
auto_scale = NULL,  
max_fullness = NULL,  
label_size = NULL,  
label_weight = NULL,  
label_color_mode = NULL,  
label_color = NULL,  
label_show = NULL,  
link_color = NULL,  
link_opacity = NULL,  
constant_link_width = NULL,  
min_link_width = NULL,  
max_link_width = NULL,  
max_link_value = NULL,  
links_advanced = NULL,  
directional = NULL,  
link_scale_type = NULL,  
link_highlight_color = NULL,  
link_highlight_opacity = NULL,  
chart_popup_show_popups = NULL,  
chart_popup_is_custom = NULL,  
chart_popup_custom_template = NULL,  
chart_popup_show_pointer = NULL,  
chart_popup_show_shadow = NULL,  
chart_popup_style_popups = NULL,  
chart_popup_text_color = NULL,  
chart_popup_align = NULL,  
chart_popup_text_size = NULL,  
chart_popup_fill_color = NULL,  
chart_popup_opacity = NULL,  
chart_popup_padding = NULL,  
chart_popup_border_radius = NULL,  
chart_popup_max_width = NULL,  
popup_opacity = NULL,
```

```
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
legend_position = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
legend_interaction = NULL,  
animate_simulation = NULL,  
simulation_speed = NULL,  
animate_transition = NULL,  
transition_scale = NULL,  
many_body_strength = NULL,  
collision_strength = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,
```

```
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,
```

```
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,
```

```

chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screener_text_primary = NULL,
chart_layout_screener_label = NULL,
chart_layout_screener_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
chart_type	Choices: regular, radial. Flourish type hint: string, defaults to NULL
radial_sort	Radial sort mode. Choices: auto, none, clockwise, counter_clockwise. Whether sorting will be applied or not and in which direction. Flourish type hint: string, defaults to NULL
radial_sort_primary	Primary sort. Choices: group, id, size, link_count, link_value. The primary criteria used when ordering points. If there are ties when sorting the data the secondary sorting criteria is applied. Flourish type hint: string, defaults to NULL
radial_sort_secondary	Secondary sort. Choices: group, id, size, link_count, link_value. The secondary criteria used when ordering points. It is applied in cases where the primary sorting criteria results in a tie. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, fill_space, aspect. How the graphics height is determined; ignored when embedded in a fixed-height context such as a simple iframe embed. Auto sets the height based on the chart type, data and width. Standard uses the default Flourish responsive sizing. Aspect ratio sets the aspect of each plot. Please note that animations between slides in a story will only work in Aspect ratio mode. Flourish type hint: string, defaults to NULL
facet_aspect	Aspect (desktop). Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_mobile	Aspect (mobile). Aspect of each plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
ring_padding	Ring padding (%). Adds extra spacing around the outside of the radial layout. Flourish type hint: number, defaults to NULL
ring_angle	Ring rotation. The number of degrees to rotate the radial layout. Flourish type hint: number, defaults to NULL

fill_color Fill color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max	Max. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_palette	Palette. Flourish type hint: string, defaults to NULL
chart_color_scale_diverging_reverse	Reverse. Flourish type hint: boolean, defaults to NULL
chart_color_scale_diverging_custom_min	Minimum color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_custom_mid	Midpoint color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_custom_max	Maximum color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_color_space	Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL
chart_color_scale_diverging_custom_domain	Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_color_scale_diverging_domain_min	Min. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_domain_mid	Mid. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_domain_max	Max. Flourish type hint: number, defaults to NULL
node_scale_pack	Pack points to fit radial layout. Scale points relatively to fit tightly around the perimeter of the radial layout, without leaving space between points. If enabled this option overrides other point sizing options in this section. Flourish type hint: boolean, defaults to NULL
constant_node_radius	Radius. The radius of your points (in px). Flourish type hint: number, defaults to NULL
min_node_radius	Minimum radius. Flourish type hint: number, defaults to NULL
max_node_radius	Maximum radius. The maximum radius of your points (in px). Flourish type hint: number, defaults to NULL
point_opacity	Opacity (default). How opaque the default state of the points in your network should be. Flourish type hint: number, defaults to NULL
fade_opacity	Opacity (unhighlighted). When a point is emphasized, how opaque the rest of the network should be. Flourish type hint: number, defaults to NULL
image_opacity	Image opacity. How opaque the images in your points should be. Flourish type hint: number, defaults to NULL
node_stroke_width	Width. Flourish type hint: number, defaults to NULL

node_stroke_color	Color. When not set, stroke color is same as background color. Flourish type hint: color, defaults to NULL
node_highlight_stroke_color	Color (highlighted). When not set, stroke color is same as background color. Flourish type hint: color, defaults to NULL
points_advanced	Advanced point settings. Flourish type hint: boolean, defaults to NULL
node_scale_type	Scale points relative to:. Choices: current, arbitrary. Flourish type hint: string, defaults to NULL
max_node_value	Value. Values bigger than this maximum will have a radius equal to the maximum radius. Flourish type hint: number, defaults to NULL
auto_scale	Scale points down when not enough space. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
max_fullness	Max total point area. What percent of the space can the points fill before they are scaled down. Flourish type hint: number, defaults to NULL
label_size	Size. Flourish type hint: number, defaults to NULL
label_weight	Weight. Choices: bold, regular. Flourish type hint: string, defaults to NULL
label_color_mode	Color mode. Choices: auto, fixed. Flourish type hint: string, defaults to NULL
label_color	Color. Flourish type hint: color, defaults to NULL
label_show	Show. Choices: auto, all, neighbourhood, click, none. When to show node labels. If set to "Auto" behavior is dynamic depending on chart type and available space. Flourish type hint: string, defaults to NULL
link_color	Color. When not set, uses same color as main text. Flourish type hint: color, defaults to NULL
link_opacity	Opacity. How opaque the links between your points should be. Flourish type hint: number, defaults to NULL
constant_link_width	Width. Flourish type hint: number, defaults to NULL
min_link_width	Minimum width. Any smaller links will be scaled up to the specified level. (Ignored if greater than the Maximum width setting.). Flourish type hint: number, defaults to NULL
max_link_width	Maximum width. Flourish type hint: number, defaults to NULL
max_link_value	Value. Values bigger than this maximum will have a width equal to the maximum width. Flourish type hint: number, defaults to NULL
links_advanced	Advanced link settings. Flourish type hint: boolean, defaults to NULL
directional	Show arrows on links. Flourish type hint: boolean, defaults to NULL
link_scale_type	Scale links relative to:. Choices: current, arbitrary. Flourish type hint: string, defaults to NULL

`link_highlight_color`
Color (highlighted). When not set, uses same color as main text. Flourish type hint: color, defaults to NULL

`link_highlight_opacity`
Opacity (highlighted). Flourish type hint: number, defaults to NULL

`chart_popup_show_popups`
Popups. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_popup_is_custom`
Popup contents. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_popup_custom_template`
Popup content. The text to appear in the popup. You can use `{{column_name}}` to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. Flourish type hint: text, defaults to NULL

`chart_popup_show_pointer`
Pointer. Flourish type hint: boolean, defaults to NULL

`chart_popup_show_shadow`
Shadow. Flourish type hint: boolean, defaults to NULL

`chart_popup_style_popups`
Custom styling. Flourish type hint: boolean, defaults to NULL

`chart_popup_text_color`
Text colour. Flourish type hint: color, defaults to NULL

`chart_popup_align`
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

`chart_popup_text_size`
Font size. Flourish type hint: number, defaults to NULL

`chart_popup_fill_color`
Fill colour. Flourish type hint: color, defaults to NULL

`chart_popup_opacity`
Fill opacity. Flourish type hint: number, defaults to NULL

`chart_popup_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_popup_border_radius`
Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

`chart_popup_max_width`
Max width. Flourish type hint: number, defaults to NULL

`popup_opacity`
Popup opacity on overlap. When the popup is overlapping other points and links, the opacity of the popup will change so most of the chart is still visible. Flourish type hint: number, defaults to NULL

`chart_categorical_legend_show_legend`
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
Position. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

`chart_legend_container_text_size`
Size. Flourish type hint: number, defaults to NULL

`legend_interaction`
When clicking a legend item. Choices: `filter_and_layout`, `filter_in_position`, `none`. Flourish type hint: string, defaults to NULL

`animate_simulation`
Animate network simulation. Display the initial animation of the network. Flourish type hint: boolean, defaults to NULL

`simulation_speed`
Animation speed. The speed of the initial animation (in ms). Flourish type hint: number, defaults to NULL

`animate_transition`
Animate layout transitions. Enable or disable layout transitions. Flourish type hint: boolean, defaults to NULL

`transition_scale`
Transition duration. The duration multiplier for transition animations. Flourish type hint: number, defaults to NULL

`many_body_strength`
Repulsion between points. How strongly the points repulse each others. Known as many-body force. Measured in arbitrary units. Flourish type hint: number, defaults to NULL

`collision_strength`
Collision-force strength. How strongly the points push away from each other when colliding. In arbitrary units. Flourish type hint: number, defaults to NULL

`chart_number_localization_input_decimal_separator`
Decimal separator in data sheet. Choices: `.`, `,`. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

`chart_number_localization_output_separators`
Number format to display. Choices: `,,`, `,,,`, `.,.`, `.,,`, `.,.`. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

`chart_layout_body_font`
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

`chart_layout_font_color`
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

`chart_layout_background_color_enabled`
Color. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_image_enabled`
Image. Choices: `TRUE`, `FALSE`. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_color`
Background color. Flourish type hint: color, defaults to NULL

`chart_layout_background_image_src`
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add

{{data_last_updated}}}. For example, "Last updated at {{data_last_updated}}". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling

Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format

Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled

Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src

Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light

Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt

Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url

Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height

Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin

Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order

Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical

V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border

Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width

Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color

Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style

Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space

Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary

Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher

than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label

Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "network", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_network_graph_data(gapminder) |>
  set_network_graph_details()
)
```

set_number_ticker_details

Set number ticker chart details

Description

Set number ticker chart details

Usage

```
set_number_ticker_details(
  .,
  mode = NULL,
  number_start = NULL,
  number = NULL,
  custom_template = NULL,
  font_unit = NULL,
  font_size = NULL,
  text_color = NULL,
  font_weight = NULL,
  line_height = NULL,
  duration = NULL,
  easing = NULL,
```

```
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
value_format_prefix = NULL,  
value_format_suffix = NULL,  
value_format_n_dec = NULL,  
value_format_advanced = NULL,  
value_format_negative_sign = NULL,  
value_format_strip_zeros = NULL,  
value_format_strip_separator = NULL,  
value_format_transform_labels = NULL,  
value_format_transform = NULL,  
value_format_multiply_divide_constant = NULL,  
value_format_exponentiate_constant = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,
```

```
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,
```

```

chart_layout_header_logo_position_inside = NULL,
chart_layout_header_logo_position_outside = NULL,
chart_layout_header_logo_margin_top = NULL,
chart_layout_header_logo_margin_right = NULL,
chart_layout_header_logo_margin_bottom = NULL,
chart_layout_header_logo_margin_left = NULL,
chart_layout_footer_align = NULL,
chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
mode	Choices: simple, custom. Flourish type hint: string, defaults to NULL

number_start	Tick from. Flourish type hint: number, defaults to NULL
number	Tick to. Flourish type hint: number, defaults to NULL
custom_template	Text and {{numbers}}. Put numbers to tick in double braces, e.g. {{1000}} to tick from 0 to 1000, or {{-1000/1000}} to count from -1000 to 1000. You can also use markdown styling, e.g. bold and <i>italic</i> or custom HTMLFlourish type hint: text, defaults to NULL
font_unit	Font size mode. Choices: vw, rem. When set to Scale with page, the text will always take up the same proportion of the page width, on any page size (e.g. mobile or desktop) When set to Default the text will be scaled responsively in the same way as other text components, such as the header text. Flourish type hint: string, defaults to NULL
font_size	Font size. Flourish type hint: number, defaults to NULL
text_color	Color. Flourish type hint: color, defaults to NULL
font_weight	Font weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
line_height	Line height. Flourish type hint: number, defaults to NULL
duration	Duration. How many seconds you want the animation to last for. Flourish type hint: number, defaults to NULL
easing	Tick rate. Choices: constant, speed_up, slow_down, fast_slow_fast. Flourish type hint: string, defaults to NULL
chart_number_localization_input_decimal_separator	Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL
chart_number_localization_output_separators	Number format to display. Choices: ,, ,, , , , , ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL
value_format_prefix	Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL
value_format_suffix	Suffix. Text to place after number. Flourish type hint: string, defaults to NULL
value_format_n_dec	Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL
value_format_advanced	Advanced. Flourish type hint: boolean, defaults to NULL
value_format_negative_sign	Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL
value_format_strip_zeros	Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

value_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

value_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

value_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

value_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

value_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "number_ticker", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  set_number_ticker_details()
)
```

`set_parliament_chart_details`*Set parliament chart chart details*

Description

Set parliament chart chart details

Usage

```
set_parliament_chart_details(  
    ·,  
    num_of_seats = NULL,  
    hemicycle_arc = NULL,  
    circle_inner = NULL,  
    manual_row_count = NULL,  
    num_of_rows = NULL,  
    use_hover_animation = NULL,  
    chart_color_scale_categorical_palette = NULL,  
    chart_color_scale_categorical_extend = NULL,  
    chart_color_scale_categorical_custom_palette = NULL,  
    chart_color_scale_numeric_type = NULL,  
    chart_color_scale_binning = NULL,  
    chart_color_scale_bin_mode = NULL,  
    chart_color_scale_bin_count = NULL,  
    chart_color_scale_bin_thresholds = NULL,  
    chart_color_scale_sequential_palette = NULL,  
    chart_color_scale_sequential_reverse = NULL,  
    chart_color_scale_sequential_custom_min = NULL,  
    chart_color_scale_sequential_custom_max = NULL,  
    chart_color_scale_sequential_color_space = NULL,  
    chart_color_scale_sequential_custom_domain = NULL,  
    chart_color_scale_sequential_domain_min = NULL,  
    chart_color_scale_sequential_domain_max = NULL,  
    chart_color_scale_diverging_palette = NULL,  
    chart_color_scale_diverging_reverse = NULL,  
    chart_color_scale_diverging_custom_min = NULL,  
    chart_color_scale_diverging_custom_mid = NULL,  
    chart_color_scale_diverging_custom_max = NULL,  
    chart_color_scale_diverging_color_space = NULL,  
    chart_color_scale_diverging_custom_domain = NULL,  
    chart_color_scale_diverging_domain_min = NULL,  
    chart_color_scale_diverging_domain_mid = NULL,  
    chart_color_scale_diverging_domain_max = NULL,  
    unassigned_color = NULL,  
    count_font_size = NULL,  
    count_weight = NULL,  
)
```

```
party_font_size = NULL,  
party_weight = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
legend_hide_empty_parties = NULL,  
show_table = NULL,  
gain_color = NULL,  
loss_color = NULL,  
default_text_color = NULL,  
header_weight = NULL,  
margin_table = NULL,  
show_seat_change = NULL,  
seat_change_before = NULL,  
seat_change_after = NULL,  
seat_change_label = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
majority_threshold_line_enabled = NULL,  
majority_threshold_line_content = NULL,  
majority_threshold_line_text_color = NULL,  
majority_threshold_line_dashoffset = NULL,
```



```
majority_threshold_line_width = NULL,  
majority_threshold_line_color = NULL,  
animation_duration = NULL,  
animation_stagger = NULL,  
animate_on_load = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,
```

```
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,
```

```
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,
```

```

chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
num_of_seats	Number of seats. This number is ignored if the value is lower than the actual number of seats in your data. Flourish type hint: number, defaults to NULL
hemicycle_arc	Size of arc. In degrees. Flourish type hint: number, defaults to NULL
circle_inner	Inner space. As a % of the circle. Flourish type hint: number, defaults to NULL
manual_row_count	Number of rows. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
num_of_rows	Rows. Flourish type hint: number, defaults to NULL
use_hover_animation	Highlight parties on hover. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
 Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
 Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
 Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
 Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
 Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
 Max. Flourish type hint: number, defaults to NULL

unassigned_color
 Unassigned outline color. Flourish type hint: color, defaults to NULL

count_font_size
 Size. If the font size means that the seat count is too large to fit within the parliament, the text will be automatically scaled to fit. Flourish type hint: number, defaults to NULL

count_weight
 Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

party_font_size
 Size. If the font size means that the party name is too large to fit within the parliament, the text will be automatically scaled to fit. Flourish type hint: number, defaults to NULL

party_weight
 Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_categorical_legend_show_legend
 Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
 Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
 Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
 Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height	Height. Flourish type hint: number, defaults to NULL
chart_categorical_legend_swatch_radius	Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL
chart_categorical_legend_legend_items_padding	Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL
chart_categorical_legend_swatch_outline	Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL
chart_categorical_legend_swatch_outline_color	Color. Flourish type hint: color, defaults to NULL
chart_categorical_legend_order_override	Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL
chart_categorical_legend_icon_height	Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL
chart_categorical_legend_icon_color	Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL
chart_categorical_legend_max_width	Max width. Flourish type hint: number, defaults to NULL
chart_categorical_legend_orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
chart_legend_container_alignment	Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL
chart_legend_container_orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
chart_legend_container_title_weight	Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
chart_legend_container_text_weight	Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
chart_legend_container_text_color	Color. Flourish type hint: color, defaults to NULL
chart_legend_container_text_size	Size. Flourish type hint: number, defaults to NULL
legend_hide_empty_parties	Dont include parties that dont have any seats. Flourish type hint: boolean, defaults to NULL
show_table	Show table. Flourish type hint: boolean, defaults to NULL
gain_color	Gain color. Flourish type hint: color, defaults to NULL
loss_color	Loss color. Flourish type hint: color, defaults to NULL

default_text_color	Default color. Flourish type hint: color, defaults to NULL
header_weight	Header text. Choices: bold, normal, italic. Flourish type hint: string, defaults to NULL
margin_table	Margin. Flourish type hint: number, defaults to NULL
show_seat_change	Choices: off, auto, custom. This adds a new column that shows the change between 2 columns. "Auto" will compare the last 2 columns in your data "Custom" will allow you to handpick 2 columns to compare. Flourish type hint: string, defaults to NULL
seat_change_before	Seat change before. Add the name of the column you want to compare with. Flourish type hint: string, defaults to NULL
seat_change_after	Seat change after. Add the name of the column you want to compare with. Flourish type hint: string, defaults to NULL
seat_change_label	Column name. Flourish type hint: string, defaults to NULL
chart_number_date_format_prefix	Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL
chart_number_date_format_suffix	Suffix. Text to place after number. Flourish type hint: string, defaults to NULL
chart_number_date_format_n_dec	Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL
chart_number_date_format_advanced	Advanced. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_negative_sign	Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL
chart_number_date_format_strip_zeros	Remove trailing zeros. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_strip_separator	Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_transform_labels	Multiply/divide values. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_transform	Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL
chart_number_date_format_multiply_divide_constant	Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

majority_threshold_line_enabled
Show a line for the majority threshold. Draws a line at 50%. Flourish type hint: boolean, defaults to NULL

majority_threshold_line_content
Text. Flourish type hint: string, defaults to NULL

majority_threshold_line_text_color
Color. Flourish type hint: color, defaults to NULL

majority_threshold_line_dashoffset
Dash width and offset. In pixels, eg. 2,2. Flourish type hint: string, defaults to NULL

majority_threshold_line_width
Thickness. In pixels. Flourish type hint: number, defaults to NULL

majority_threshold_line_color
Color. Flourish type hint: color, defaults to NULL

animation_duration
Animation duration. How long the seats take to "flip" when changing party, in seconds. Flourish type hint: number, defaults to NULL

animation_stagger
Animation spread. How many seconds to spread the seat animations across. Flourish type hint: number, defaults to NULL

animate_on_load
Animate on load. Whether to animate the seats when the visualisations first loads. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. The controls show up if youve selected multiple value columns. Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_width`
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_max_label_width`
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_step_time`
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

`chart_filter_controls_slider_loop`
Loop. Flourish type hint: boolean, defaults to NULL

`chart_filter_controls_slider_restart_pause`
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

`chart_filter_controls_sort`
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_controls_style_font_size`
Text size. Flourish type hint: number, defaults to NULL

`chart_controls_style_font_weight`
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_controls_style_height`
Height. Flourish type hint: number, defaults to NULL

`chart_button_control_style_background`
Background. Flourish type hint: color, defaults to NULL

`chart_button_control_style_background_selected`
Selected. Flourish type hint: color, defaults to NULL

`chart_button_control_style_background_hover`
Mouse over. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color`
Text color. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color_selected`
Selected. Flourish type hint: color, defaults to NULL

`chart_button_control_style_font_color_hover`
Mouse over. Flourish type hint: color, defaults to NULL

`chart_button_control_style_button_styles_advanced`
Button border styles. Flourish type hint: boolean, defaults to NULL

`chart_button_control_style_border_width`
Border width. Flourish type hint: number, defaults to NULL

`chart_button_control_style_border_color`
Color. Flourish type hint: color, defaults to NULL

`chart_button_control_style_border_transparency`
Transparency. Flourish type hint: number, defaults to NULL

`chart_button_control_style_border_radius`
Radius. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_number_localization_input_decimal_separator
Decimal separator in data sheet. Choices: ., .. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
Number format to display. Choices: ,, ,, , , , , . How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

`chart_layout_body_font`
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

`chart_layout_font_color`
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

`chart_layout_background_color_enabled`
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_image_enabled`
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_color`
Background color. Flourish type hint: color, defaults to NULL

`chart_layout_background_image_src`
Image URL. Flourish type hint: url, defaults to NULL

`chart_layout_background_image_size`
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

`chart_layout_background_image_position`
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

`chart_layout_max_width_target`
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

`chart_layout_max_width`
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

`chart_layout_max_width_align`
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

`chart_layout_layout_order`
Layout order. Flourish type hint: string, defaults to NULL

`chart_layout_space_between_sections`
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

`chart_layout_space_between_sections_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_margin_top`
Top. Flourish type hint: number, defaults to NULL

`chart_layout_margin_right`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_margin_bottom`
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_header_logo_src`
Image. Flourish type hint: url, defaults to NULL

`chart_layout_header_logo_alt`
Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_link_url`
Link. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_height`
Height. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_align`
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_position_inside`
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_position_outside`
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_margin_top`
Top. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_right`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_bottom`
Bottom. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_margin_left`
Left. Flourish type hint: number, defaults to NULL

`chart_layout_footer_align`
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

`chart_layout_footer_text_size`
Size. Flourish type hint: number, defaults to NULL

`chart_layout_footer_text_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_styling`
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_font`
Font. Flourish type hint: font, defaults to NULL

`chart_layout_footer_text_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_source_name`
Source name. Flourish type hint: string, defaults to NULL

`chart_layout_source_url`
Source url. Flourish type hint: string, defaults to NULL

`chart_layout_multiple_sources`
Multiple sources. Flourish type hint: boolean, defaults to NULL

`chart_layout_source_name_2`
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border	Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_width	Width. Flourish type hint: number, defaults to NULL
chart_layout_footer_border_color	Color. Flourish type hint: color, defaults to NULL
chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "parliament", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_parliament_chart_data(gapminder) |>
  set_parliament_chart_details()
)
```

set_photo_slider_details

Set photo slider chart details

Description

Set photo slider chart details

Usage

```
set_photo_slider_details(  
    ·,  
    mode = NULL,  
    spotlight_size = NULL,  
    spotlight_blur = NULL,  
    spotlight_speed = NULL,  
    photo_1_big = NULL,  
    has_photo_1_small = NULL,  
    photo_1_small = NULL,  
    photo_2_big = NULL,  
    has_photo_2_small = NULL,  
    photo_2_small = NULL,  
    slider_radius = NULL,  
    slider_fill_type = NULL,  
    slider_fill_image = NULL,  
    slider_fill_overlay = NULL,  
    slider_fill_standalone = NULL,  
    slider_line_thickness = NULL,  
    slider_line_color = NULL,  
    chart_layout_body_font = NULL,  
    chart_layout_font_color = NULL,  
    chart_layout_background_color_enabled = NULL,  
    chart_layout_background_image_enabled = NULL,  
    chart_layout_background_color = NULL,  
    chart_layout_background_image_src = NULL,  
    chart_layout_background_image_size = NULL,  
    chart_layout_background_image_position = NULL,  
    chart_layout_max_width_target = NULL,  
    chart_layout_max_width = NULL,  
    chart_layout_max_width_align = NULL,  
    chart_layout_layout_order = NULL,  
    chart_layout_space_between_sections = NULL,  
    chart_layout_space_between_sections_custom = NULL,  
    chart_layout_margin_top = NULL,  
    chart_layout_margin_right = NULL,  
    chart_layout_margin_bottom = NULL,  
    chart_layout_margin_left = NULL,  
    chart_layout_border_enabled = NULL,  
    chart_layout_border_top_width = NULL,  
    chart_layout_border_top_style = NULL,  
    chart_layout_border_top_color = NULL,  
    chart_layout_border_right_width = NULL,  
    chart_layout_border_right_style = NULL,  
    chart_layout_border_right_color = NULL,  
    chart_layout_border_bottom_width = NULL,  
    chart_layout_border_bottom_style = NULL,  
    chart_layout_border_bottom_color = NULL,  
)
```

```
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,
```

```
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,  
chart_layout_footer_align_vertical = NULL,  
chart_layout_footer_border = NULL,  
chart_layout_footer_border_width = NULL,  
chart_layout_footer_border_color = NULL,  
chart_layout_footer_border_style = NULL,  
chart_layout_footer_border_space = NULL,  
chart_layout_screenreader_text_primary = NULL,  
chart_layout_screenreader_label = NULL,  
chart_layout_screenreader_hide_primary = NULL
```

)

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
mode	Before/after mode. Choices: slide, fade, spotlight. Flourish type hint: string, defaults to NULL
spotlight_size	Spotlight size. Flourish type hint: number, defaults to NULL
spotlight_blur	Spotlight blur. Flourish type hint: number, defaults to NULL
spotlight_speed	Spotlight animation. Time it takes to animate from one spotlight position to another in the story player Flourish type hint: number, defaults to NULL
photo_1_big	Flourish type hint: url, defaults to NULL
has_photo_1_small	Add smaller version for mobile. (Optional) Mobile versions will be loaded quicker on smaller screens. Flourish type hint: boolean, defaults to NULL
photo_1_small	Photo 1 (mobile version). This picture should be roughly 500px wide. Flourish type hint: url, defaults to NULL
photo_2_big	Flourish type hint: url, defaults to NULL
has_photo_2_small	Add smaller version for mobile. (Optional) Mobile versions will be loaded quicker on smaller screens. Flourish type hint: boolean, defaults to NULL
photo_2_small	Photo 2 (mobile version). This picture should be roughly 500px wide. Flourish type hint: url, defaults to NULL
slider_radius	Size. Flourish type hint: number, defaults to NULL
slider_fill_type	Type. Choices: color, image. Flourish type hint: string, defaults to NULL
slider_fill_image	Image. Flourish type hint: url, defaults to NULL
slider_fill_overlay	Fill. Flourish type hint: color, defaults to NULL
slider_fill_standalone	Fill (outside picture). Flourish type hint: color, defaults to NULL
slider_line_thickness	Slider line thickness. Flourish type hint: number, defaults to NULL
slider_line_color	Slider line color. Flourish type hint: color, defaults to NULL
chart_layout_body_font	Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels.
Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc).
Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width	Width. Flourish type hint: number, defaults to NULL
chart_layout_footer_border_color	Color. Flourish type hint: color, defaults to NULL
chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "photo_slider", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  set_photo_slider_details()
)
```

set_pictogram_details *Set pictogram chart details*

Description

Set pictogram chart details

Usage

```
set_pictogram_details(  
  .,  
  bar_orientation = NULL,  
  flipBars = NULL,  
  bar_padding = NULL,  
  plot_aspect_ratio = NULL,  
  plot_aspect_ratio_mobile = NULL,  
  plot_aspect_ratio_breakpoint = NULL,  
  icons = NULL,  
  icon_padding = NULL,  
  auto_icon_value = NULL,  
  icon_value = NULL,  
  icon_color = NULL,  
  icon_style = NULL,  
  icon_stroke_thickness = NULL,  
  use_filler_icons = NULL,  
  filler_icon_color = NULL,  
  max_bar_value = NULL,  
  fill_final_row = NULL,  
  filler_icons = NULL,  
  chart_color_scale_categorical_palette = NULL,  
  chart_color_scale_categorical_extend = NULL,  
  chart_color_scale_categorical_custom_palette = NULL,  
  chart_color_scale_numeric_type = NULL,  
  chart_color_scale_binning = NULL,  
  chart_color_scale_bin_mode = NULL,  
  chart_color_scale_bin_count = NULL,  
  chart_color_scale_bin_thresholds = NULL,  
  chart_color_scale_sequential_palette = NULL,  
  chart_color_scale_sequential_reverse = NULL,  
  chart_color_scale_sequential_custom_min = NULL,  
  chart_color_scale_sequential_custom_max = NULL,  
  chart_color_scale_sequential_color_space = NULL,  
  chart_color_scale_sequential_custom_domain = NULL,  
  chart_color_scale_sequential_domain_min = NULL,  
  chart_color_scale_sequential_domain_max = NULL,  
  chart_color_scale_diverging_palette = NULL,  
  chart_color_scale_diverging_reverse = NULL,  
  chart_color_scale_diverging_custom_min = NULL,  
  chart_color_scale_diverging_custom_mid = NULL,  
  chart_color_scale_diverging_custom_max = NULL,  
  chart_color_scale_diverging_color_space = NULL,  
  chart_color_scale_diverging_custom_domain = NULL,  
  chart_color_scale_diverging_domain_min = NULL,  
  chart_color_scale_diverging_domain_mid = NULL,  
  chart_color_scale_diverging_domain_max = NULL,  
  show_bar_labels = NULL,  
)
```

```
bar_label_size = NULL,  
bar_label_color = NULL,  
bar_label_weight = NULL,  
chart_x_axis_axis_position = NULL,  
chart_x_axis_y_axis_position = NULL,  
chart_x_axis_numeric_scale_type = NULL,  
chart_x_axis_linear_min = NULL,  
chart_x_axis_linear_max = NULL,  
chart_x_axis_log_min = NULL,  
chart_x_axis_log_max = NULL,  
chart_x_axis_datetime_min = NULL,  
chart_x_axis_datetime_max = NULL,  
chart_x_axis_flip = NULL,  
chart_x_axis_show_scale_settings = NULL,  
chart_x_axis_nice = NULL,  
chart_x_axis_zero_axis = NULL,  
chart_x_axis_title_mode = NULL,  
chart_x_axis_title = NULL,  
chart_x_axis_title_styling = NULL,  
chart_x_axis_title_weight = NULL,  
chart_x_axis_title_color = NULL,  
chart_x_axis_title_size = NULL,  
chart_x_axis_title_padding = NULL,  
chart_x_axis_tick_label_position = NULL,  
chart_x_axis_tick_label_styling = NULL,  
chart_x_axis_tick_label_size = NULL,  
chart_x_axis_tick_label_color = NULL,  
chart_x_axis_tick_padding = NULL,  
chart_x_axis_tick_label_angle = NULL,  
chart_x_axis_tick_label_weight = NULL,  
chart_x_axis_tick_label_max_lines = NULL,  
chart_x_axis_tick_label_line_height = NULL,  
chart_x_axis_tick_label_space_mode = NULL,  
chart_x_axis_tick_label_space = NULL,  
chart_x_axis_tick_mode = NULL,  
chart_x_axis_tick_number = NULL,  
chart_x_axis_tick_custom = NULL,  
chart_x_axis_line_and_tick_color = NULL,  
chart_x_axis_line_and_tick_width = NULL,  
chart_x_axis_tick_length = NULL,  
chart_x_axis_tick_side = NULL,  
chart_x_axis_line_visible = NULL,  
chart_x_axis_edge_padding = NULL,  
chart_x_axis_gridlines_visible = NULL,  
chart_x_axis_gridlines_styling = NULL,  
chart_x_axis_gridline_color = NULL,  
chart_x_axis_gridline_style = NULL,  
chart_x_axis_gridline_width = NULL,
```

```
chart_x_axis_gridline_category_dividers = NULL,  
chart_x_axis_gridline_category_dividers_extend = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_value_legend_show_legend = NULL,  
chart_value_legend_title_mode = NULL,  
chart_value_legend_title = NULL,  
chart_value_legend_swatch_width = NULL,  
chart_value_legend_swatch_height = NULL,  
chart_value_legend_swatch_radius = NULL,  
chart_value_legend_legend_items_padding = NULL,  
chart_value_legend_swatch_outline = NULL,  
chart_value_legend_swatch_outline_color = NULL,  
chart_value_legend_order_override = NULL,  
chart_value_legend_icon_height = NULL,  
chart_value_legend_icon_color = NULL,  
chart_value_legend_max_width = NULL,  
chart_value_legend_orientation = NULL,  
value_legend_icon = NULL,  
chart_icon_legend_show_legend = NULL,  
chart_icon_legend_title_mode = NULL,  
chart_icon_legend_title = NULL,  
chart_icon_legend_swatch_width = NULL,  
chart_icon_legend_swatch_height = NULL,  
chart_icon_legend_swatch_radius = NULL,  
chart_icon_legend_legend_items_padding = NULL,  
chart_icon_legend_swatch_outline = NULL,  
chart_icon_legend_swatch_outline_color = NULL,  
chart_icon_legend_order_override = NULL,  
chart_icon_legend_icon_height = NULL,  
chart_icon_legend_icon_color = NULL,
```



```
chart_icon_legend_max_width = NULL,  
chart_icon_legend_orientation = NULL,  
chart_color_legend_show_legend = NULL,  
chart_color_legend_title_mode = NULL,  
chart_color_legend_title = NULL,  
chart_color_legend_swatch_width = NULL,  
chart_color_legend_swatch_height = NULL,  
chart_color_legend_swatch_radius = NULL,  
chart_color_legend_legend_items_padding = NULL,  
chart_color_legend_swatch_outline = NULL,  
chart_color_legend_swatch_outline_color = NULL,  
chart_color_legend_order_override = NULL,  
chart_color_legend_icon_height = NULL,  
chart_color_legend_icon_color = NULL,  
chart_color_legend_max_width = NULL,  
chart_color_legend_orientation = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,
```

```
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
value_control_visibility = NULL,  
chart_value_filter_controls_control_type = NULL,  
chart_value_filter_controls_control_styles = NULL,  
chart_value_filter_controls_control_title = NULL,  
chart_value_filter_controls_button_group = NULL,  
chart_value_filter_controls_button_group_width_mode = NULL,  
chart_value_filter_controls_button_group_width_fixed = NULL,  
chart_value_filter_controls_dropdown_width_mode = NULL,  
chart_value_filter_controls_dropdown_width_fixed = NULL,  
chart_value_filter_controls_slider_width = NULL,  
chart_value_filter_controls_slider_max_label_width = NULL,  
chart_value_filter_controls_slider_step_time = NULL,  
chart_value_filter_controls_slider_loop = NULL,  
chart_value_filter_controls_slider_restart_pause = NULL,  
chart_value_filter_controls_sort = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,
```

```
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,
```

```
chart_layout_font_size_big_screen = NULL,
chart_layout_breakpoint_mobile_small = NULL,
chart_layout_breakpoint_mobile_big = NULL,
chart_layout_breakpoint_tablet = NULL,
chart_layout_breakpoint_desktop = NULL,
chart_layout_breakpoint_big_screen = NULL,
chart_layout_header_align = NULL,
chart_layout_title = NULL,
chart_layout_title_styling = NULL,
chart_layout_title_font = NULL,
chart_layout_title_size = NULL,
chart_layout_title_size_custom = NULL,
chart_layout_title_weight = NULL,
chart_layout_title_color = NULL,
chart_layout_title_line_height = NULL,
chart_layout_title_space_above = NULL,
chart_layout_title_space_above_custom = NULL,
chart_layout_subtitle = NULL,
chart_layout_subtitle_styling = NULL,
chart_layout_subtitle_font = NULL,
chart_layout_subtitle_size = NULL,
chart_layout_subtitle_size_custom = NULL,
chart_layout_subtitle_weight = NULL,
chart_layout_subtitle_color = NULL,
chart_layout_subtitle_line_height = NULL,
chart_layout_subtitle_space_above = NULL,
chart_layout_subtitle_space_above_custom = NULL,
chart_layout_header_text = NULL,
chart_layout_header_text_styling = NULL,
chart_layout_header_text_size = NULL,
chart_layout_header_text_size_custom = NULL,
chart_layout_header_text_weight = NULL,
chart_layout_header_text_color = NULL,
chart_layout_header_text_line_height = NULL,
chart_layout_header_text_space_above = NULL,
chart_layout_header_text_space_above_custom = NULL,
chart_layout_header_border = NULL,
chart_layout_header_border_width = NULL,
chart_layout_header_border_color = NULL,
chart_layout_header_border_style = NULL,
chart_layout_header_border_space = NULL,
chart_layout_header_logo_enabled = NULL,
chart_layout_header_logo_src = NULL,
chart_layout_header_logo_alt = NULL,
chart_layout_header_logo_link_url = NULL,
chart_layout_header_logo_height = NULL,
chart_layout_header_logo_align = NULL,
chart_layout_header_logo_position_inside = NULL,
```

```

chart_layout_header_logo_position_outside = NULL,
chart_layout_header_logo_margin_top = NULL,
chart_layout_header_logo_margin_right = NULL,
chart_layout_header_logo_margin_bottom = NULL,
chart_layout_header_logo_margin_left = NULL,
chart_layout_footer_align = NULL,
chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

bar_orientation

Bar orientation. Choices: vertical, horizontal. Defines the orientation of the bars (vertical or horizontal). Flourish type hint: string, defaults to NULL

flip_bars	Flip bars. Flip the bars so they point in the opposite direction. Flourish type hint: boolean, defaults to NULL
bar_padding	Bar padding (%). Padding surrounding bars (as a percentage of bar width). Flourish type hint: number, defaults to NULL
plot_aspect_ratio	Aspect (desktop). The aspect ratio of the pictogram plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. This only applies when embedding using a script (i.e., not AMP or iframe). Flourish type hint: number, defaults to NULL
plot_aspect_ratio_mobile	Aspect (mobile). The aspect ratio of the pictogram plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. This only applies when embedding using a script (i.e., not AMP or iframe). Flourish type hint: number, defaults to NULL
plot_aspect_ratio_breakpoint	Breakpoint. The screen width at which mobile mode ends and desktop begins. This only applies when embedding using a script (i.e., not AMP or iframe). Flourish type hint: number, defaults to NULL
icons	Icons. Choices: binding, user, female, male, baby, child, wheelchair, angry, frown, meh, smile, smile-beam, thumbs-up, thumbs-down, hands-helping, hand-rock, hand-peace, dollar-sign, euro-sign, money-bill, money-bill-wave, pound-sign, coins, shopping-bag, shopping-cart, circle, square, star, heart, comment, cat, dog, dove, bus, car, biking, running, plane, suitcase, pizza-slice, ice-cream, coffee, wine-glass-alt, building, home, store, industry, database, laptop, microchip, phone, mobile-alt, tv, clock, atom, award, music, leaf, lightbulb, sun, wrench, airbnb, amazon, android, apple, bitcoin, facebook, google, linux, microsoft, twitter, windows, youtube. Use your own icons using icon bindings, or choose a built-in icon Flourish type hint: string, defaults to NULL
icon_padding	Icon padding (%). Padding surrounding icons (as a percentage of the icon size). Flourish type hint: number, defaults to NULL
auto_icon_value	Auto icon value. Automatically calculate a sensible value for each icon. Flourish type hint: boolean, defaults to NULL
icon_value	Icon value. The value that each icon represents. Flourish type hint: number, defaults to NULL
icon_color	Icon color. The color of the icons. Flourish type hint: color, defaults to NULL
icon_style	Icon style. Choices: solid, outline. The style (solid or outline) of the icons. Flourish type hint: string, defaults to NULL
icon_stroke_thickness	Icon outline thickness (%). The outline thickness (as a percentage of the icon size). Flourish type hint: number, defaults to NULL
use_filler_icons	Use filler icons. Fill empty space with icons Flourish type hint: boolean, defaults to NULL
filler_icon_color	Filler icon color. Color of filler icons. Flourish type hint: color, defaults to NULL

- `max_bar_value` Maximum bar value. (Optional) Maximum bar value (the remaining bar space will be filled with filler icons). A value less than the largest bar value is disregarded. Flourish type hint: number, defaults to NULL
- `fill_final_row` Fill final row. Fill the final row of icons with filler icons (so that a grid of icons is formed). Flourish type hint: boolean, defaults to NULL
- `filler_icons` Filler icon. Choices: auto, user, female, male, baby, child, wheelchair, angry, frown, meh, smile, smile-beam, thumbs-up, thumbs-down, hands-helping, hand-rock, hand-peace, dollar-sign, euro-sign, money-bill, money-bill-wave, pound-sign, coins, shopping-bag, shopping-cart, circle, square, star, heart, comment, cat, dog, dove, bus, car, biking, running, plane, suitcase, pizza-slice, ice-cream, coffee, wine-glass-alt, building, home, store, industry, database, laptop, microchip, phone, mobile-alt, tv, clock, atom, award, music, leaf, lightbulb, sun, wrench, airbnb, amazon, android, apple, bitcoin, facebook, google, linux, microsoft, twitter, windows, youtube. Icon used to fill remaining space. Flourish type hint: string, defaults to NULL
- `chart_color_scale_categorical_palette`
Palette. Flourish type hint: colors, defaults to NULL
- `chart_color_scale_categorical_extend`
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
- `chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL
- `chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
- `chart_color_scale_binning`
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL
- `chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL
- `chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to NULL
- `chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

show_bar_labels
Show bar labels. Flourish type hint: boolean, defaults to NULL

bar_label_size
Size. Bar label size in rems (relative to the root font size). Flourish type hint: number, defaults to NULL

bar_label_color
Color. Bar label color. Flourish type hint: color, defaults to NULL

bar_label_weight
Weight. Choices: normal, bold. Bar label font weight. Flourish type hint: string, defaults to NULL

chart_x_axis_axis_position
Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
Color. Flourish type hint: color, defaults to NULL

`chart_x_axis_title_size`
 Size. Flourish type hint: number, defaults to NULL

`chart_x_axis_title_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_position`
 Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_styling`
 Styling. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_tick_label_size`
 Size. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_x_axis_tick_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_angle`
 Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_weight`
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_max_lines`
 Max lines. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_line_height`
 Line height. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_space_mode`
 Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_space`
 Space. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_mode`
 Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_number`
 Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_custom`
 One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

`chart_x_axis_line_and_tick_color`
 Line color. Flourish type hint: color, defaults to NULL

chart_x_axis_line_and_tick_width
Line width. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_length
Tick length. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_side
Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_x_axis_line_visible
Axis line. Flourish type hint: boolean, defaults to NULL

chart_x_axis_edge_padding
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_x_axis_gridlines_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridlines_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_gridline_style
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_x_axis_gridline_width
Width. Flourish type hint: number, defaults to NULL

chart_x_axis_gridline_category_dividers
Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_number_localization_input_decimal_separator
Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL

chart_number_localization_output_separators
Number format to display. Choices: ,, ,,, ,. ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_value_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_value_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_value_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_value_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_value_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_value_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_value_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_value_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_value_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_value_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_value_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_value_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_value_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_value_legend_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

value_legend_icon
Icon. Choices: auto, user, female, male, baby, child, wheelchair, angry, frown, meh, smile, smile-beam, thumbs-up, thumbs-down, hands-helping, hand-rock, hand-peace, dollar-sign, euro-sign, money-bill, money-bill-wave, pound-sign, coins, shopping-bag, shopping-cart, circle, square, star, heart, comment, cat, dog, dove, bus, car, biking, running, plane, suitcase, pizza-slice, ice-cream, coffee, wine-glass-alt, building, home, store, industry, database, laptop, microchip, phone, mobile-alt, tv, clock, atom, award, music, leaf, lightbulb, sun, wrench, airbnb, amazon, android, apple, bitcoin, facebook, google, linux, microsoft, twitter, windows, youtube. Icon used in legend. Flourish type hint: string, defaults to NULL

chart_icon_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_icon_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_icon_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_icon_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_icon_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

`chart_icon_legend_swatch_radius`
 Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

`chart_icon_legend_legend_items_padding`
 Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

`chart_icon_legend_swatch_outline`
 Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

`chart_icon_legend_swatch_outline_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_icon_legend_order_override`
 Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

`chart_icon_legend_icon_height`
 Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

`chart_icon_legend_icon_color`
 Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

`chart_icon_legend_max_width`
 Max width. Flourish type hint: number, defaults to NULL

`chart_icon_legend_orientation`
 Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

`chart_color_legend_show_legend`
 Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

`chart_color_legend_title_mode`
 Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

`chart_color_legend_title`
 Title. Flourish type hint: string, defaults to NULL

`chart_color_legend_swatch_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_color_legend_swatch_height`
 Height. Flourish type hint: number, defaults to NULL

`chart_color_legend_swatch_radius`
 Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

`chart_color_legend_legend_items_padding`
 Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

`chart_color_legend_swatch_outline`
 Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

`chart_color_legend_swatch_outline_color`
 Color. Flourish type hint: color, defaults to NULL

- `chart_color_legend_order_override`
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL
- `chart_color_legend_icon_height`
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL
- `chart_color_legend_icon_color`
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL
- `chart_color_legend_max_width`
Max width. Flourish type hint: number, defaults to NULL
- `chart_color_legend_orientation`
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
- `chart_popup_mode`
Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL
- `chart_popup_popup_is_custom`
Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
- `chart_popup_show_popup_styles`
Show popup styles. Flourish type hint: boolean, defaults to NULL
- `chart_popup_popup_custom_header`
Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column` For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
- `chart_popup_popup_custom_main`
Popup custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column` For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
- `chart_popup_popup_custom_accessible`
Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}`, GD. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL
- `chart_popup_popup_width`
Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header

Panel custom header. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main

Panel custom main content. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay

Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay

Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side

Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side

Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width

Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height

Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position

Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element you've clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color

Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size

Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align

Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background

Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity

Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding

Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

value_control_visibility
Show value control. Choices: always, editor, never. Sets whether the value control is always visible, only visible when editing or never visible. Flourish type hint: string, defaults to NULL

chart_value_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_value_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_value_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_value_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_value_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_value_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_value_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_value_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_value_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_value_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_value_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_value_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_value_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_value_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
 Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
 Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
 Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
 Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
 Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
 Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
 Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
 Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
 Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
 Play button. Flourish type hint: boolean, defaults to NULL

chart_layout_body_font
 Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
 Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
 Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
 Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
 Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
 Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
 Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y,`

`%H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_enabled`

Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_logo_src`

Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`

Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

`chart_layout_footer_logo_alt`

Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_link_url`

Link. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_height`

Height. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_margin`

Margin. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_order`

Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`

V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`

Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`

Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`

Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`

Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`

Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`

Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`

Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "pictogram", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_pictogram_data(gapminder) |>
  set_pictogram_details()
)
```

set_quiz_details	<i>Set quiz chart details</i>
------------------	-------------------------------

Description

Set quiz chart details

Usage

```
set_quiz_details(
  .,
  color_primary = NULL,
  color_neutral = NULL,
  color_correct = NULL,
  block_text_color = NULL,
  text_border_color = NULL,
  block_text_size = NULL,
  block_text_size_custom = NULL,
  block_background = NULL,
  block_padding = NULL,
  block_border_width = NULL,
  block_border_color = NULL,
  block_border_radius = NULL,
  block_shadow = NULL,
  block_shadow_blur = NULL,
  block_shadow_opacity = NULL,
  block_btn_text_color = NULL,
  block_btn_text_size = NULL,
  block_btn_text_size_custom = NULL,
  show_all_questions = NULL,
```

```
slider_handle_fill = NULL,  
slider_handle_radius = NULL,  
slider_handle_stroke = NULL,  
slider_channel_fill = NULL,  
slider_channel_height = NULL,  
slider_comparison_opacity = NULL,  
slider_range_type = NULL,  
slider_range_min = NULL,  
slider_range_max = NULL,  
slider_range_step = NULL,  
slider_range_custom = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
mc_background = NULL,  
mc_border_color = NULL,  
mc_border_width = NULL,  
mc_border_radius = NULL,  
dropdown = NULL,  
dropdown_default_label = NULL,  
dropdown_label_color = NULL,  
slider_advanced_scoring = NULL,  
slider_score_zone_percent = NULL,  
slider_correct_zone_percent = NULL,  
end_result_default_text = NULL,  
text_your_answer = NULL,  
text_submit = NULL,  
text_dropdown_label = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,
```

```
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,
```

```
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,
```

```

chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

color_primary User input. Flourish type hint: color, defaults to NULL

color_neutral Neutral. Flourish type hint: color, defaults to NULL

color_correct Correct. Flourish type hint: color, defaults to NULL

block_text_color
Color. Flourish type hint: color, defaults to NULL

text_border_color
Border color. Flourish type hint: color, defaults to NULL

block_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

block_text_size_custom
Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

block_background
Background. Flourish type hint: color, defaults to NULL

block_padding Padding. Flourish type hint: number, defaults to NULL

block_border_width
Width. Flourish type hint: number, defaults to NULL

block_border_color
Color. Flourish type hint: color, defaults to NULL

block_border_radius
Radius. Flourish type hint: number, defaults to NULL

block_shadow Enabled. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`block_shadow_blur`
Blur. Flourish type hint: number, defaults to NULL

`block_shadow_opacity`
Opacity. Flourish type hint: number, defaults to NULL

`block_btn_text_color`
Text color. Flourish type hint: color, defaults to NULL

`block_btn_text_size`
Size. Choices: 1.1, 1.2, 1.4, custom. Flourish type hint: string, defaults to NULL

`block_btn_text_size_custom`
Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`show_all_questions`
Show unanswered questions. Flourish type hint: boolean, defaults to NULL

`slider_handle_fill`
Color. Flourish type hint: color, defaults to NULL

`slider_handle_radius`
Radius. Flourish type hint: number, defaults to NULL

`slider_handle_stroke`
Border. Flourish type hint: number, defaults to NULL

`slider_channel_fill`
Color. Flourish type hint: color, defaults to NULL

`slider_channel_height`
Height. Flourish type hint: number, defaults to NULL

`slider_comparison_opacity`
Comparison opacity. Flourish type hint: number, defaults to NULL

`slider_range_type`
Slider range. Choices: auto, fixed, custom. In Auto mode, the range will go from 0 to the nearest power of 10. In Fixed mode, you can set a fixed range for every question. In Custom mode, you can set a range for each individual question. Flourish type hint: string, defaults to NULL

`slider_range_min`
Min. Flourish type hint: number, defaults to NULL

`slider_range_max`
Max. Flourish type hint: number, defaults to NULL

`slider_range_step`
Step. Flourish type hint: number, defaults to NULL

`slider_range_custom`
Custom. Set a custom range for each question. Write a new range on each line with the following format: question text :: range minimum :: range maximum :: range step. <For example: How many people live in London? :: 1000000 :: 20000000 :: 1000
Flourish type hint: text, defaults to NULL

`chart_number_date_format_prefix`
Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

`chart_number_date_format_suffix`
Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec	Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL
chart_number_date_format_advanced	Advanced. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_negative_sign	Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL
chart_number_date_format_strip_zeros	Remove trailing zeros. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_strip_separator	Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_transform_labels	Multiply/divide values. Flourish type hint: boolean, defaults to NULL
chart_number_date_format_transform	Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL
chart_number_date_format_multiply_divide_constant	Flourish type hint: number, defaults to NULL
chart_number_date_format_exponentiate_constant	Flourish type hint: number, defaults to NULL
mc_background	Background. Flourish type hint: color, defaults to NULL
mc_border_color	Color. Flourish type hint: color, defaults to NULL
mc_border_width	Width. Flourish type hint: number, defaults to NULL
mc_border_radius	Radius. Flourish type hint: number, defaults to NULL
dropdown	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
dropdown_default_label	Default comparison. Type in an answer that's selected as a default when you load the visualization. Flourish type hint: string, defaults to NULL
dropdown_label_color	Text color. Flourish type hint: color, defaults to NULL
slider_advanced_scoring	Linear scores for slider questions. Rather than a slider answer just being "right" or "wrong", change this setting to get a higher score the closer you are to the correct answer. Flourish type hint: boolean, defaults to NULL
slider_score_zone_percent	Scoring zone (%). Defines how close (as a percentage of the slider range) the input needs to be to the correct answer to produce a score. For example, for a slider range of 0 to 200, a correct answer of 45, and a scoring zone of 10%, the

	score is non-zero if the input is between 25 and 65 (because 10% of the slider range is 20). The score increases linearly from 0 at the scoring zone boundary to a score of 1 at the correct answer. Flourish type hint: number, defaults to NULL
slider_correct_zone_percent	Correct zone (%). Defines how close (as a percentage of the scoring zone) the input needs to be to the correct answer to produce a full score of 1. For example, for a slider range of 0 to 200, a correct answer of 45, a scoring zone of 10%, and a correct zone of 50%, the score is 1 if the input is between 35 and 55 (because 50% of the scoring zone is 10). The score increases linearly from the scoring zone boundary to the correct zone boundary. For example, inputs of 20, 25, 30, 35, or 40 scores 0, 0, 0.5, 1, or 1, respectively. Flourish type hint: number, defaults to NULL
end_result_default_text	Default end result text. This is the text that shows up after youve finished the quiz. You can add custom end result text for specific score ranges in the Data tab, inside the End result sheet. Flourish type hint: text, defaults to NULL
text_your_answer	Slider your answer. Flourish type hint: string, defaults to NULL
text_submit	Submit button. Flourish type hint: string, defaults to NULL
text_dropdown_label	Dropdown label. Flourish type hint: string, defaults to NULL
chart_number_localization_input_decimal_separator	Decimal separator in data sheet. Choices: ., ,. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL
chart_number_localization_output_separators	Number format to display. Choices: ,, ,, ,, ,, ,, ,, . How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL
chart_layout_body_font	Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL
chart_layout_font_color	Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL
chart_layout_background_color_enabled	Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_image_enabled	Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_color	Background color. Flourish type hint: color, defaults to NULL
chart_layout_background_image_src	Image URL. Flourish type hint: url, defaults to NULL
chart_layout_background_image_size	Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_timestamp_format`
 Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_enabled`
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_logo_src`
 Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

`chart_layout_footer_logo_alt`
 Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_link_url`
 Link. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_height`
 Height. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_margin`
 Margin. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_order`
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "quiz", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_quiz_data(gapminder) |>
  set_quiz_details()
)
```

set_radar_details *Set radar chart chart details*

Description

Set radar chart chart details

Usage

```
set_radar_details(
  .,
  radars_curve = NULL,
  radars_star = NULL,
  radars_stroke_width = NULL,
  radars_stroke_opacity = NULL,
  radars_fill_opacity = NULL,
  radars_star_inner_radius = NULL,
  chart_color_scale_categorical_palette = NULL,
  chart_color_scale_categorical_extend = NULL,
  chart_color_scale_categorical_custom_palette = NULL,
  chart_color_scale_numeric_type = NULL,
  chart_color_scale_binning = NULL,
  chart_color_scale_bin_mode = NULL,
  chart_color_scale_bin_count = NULL,
  chart_color_scale_bin_thresholds = NULL,
  chart_color_scale_sequential_palette = NULL,
  chart_color_scale_sequential_reverse = NULL,
  chart_color_scale_sequential_custom_min = NULL,
  chart_color_scale_sequential_custom_max = NULL,
  chart_color_scale_sequential_color_space = NULL,
```

```
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
facet_comparisons = NULL,  
facet_comparison_stroke = NULL,  
facet_comparison_stroke_width = NULL,  
facet_comparison_stroke_opacity = NULL,  
facet_comparison_fill = NULL,  
facet_comparison_fill_opacity = NULL,  
chart_facet_columns_fixed = NULL,  
chart_facet_columns = NULL,  
chart_facet_min_width = NULL,  
chart_facet_min_width_fixed = NULL,  
chart_facet_custom_grid = NULL,  
chart_facet_custom_positions = NULL,  
chart_facet_max_width = NULL,  
chart_facet_gutter_w = NULL,  
chart_facet_gutter_h = NULL,  
chart_facet_animation = NULL,  
chart_facet_titles = NULL,  
chart_facet_title_align = NULL,  
chart_facet_title_size = NULL,  
chart_facet_title_unit = NULL,  
chart_facet_title_color = NULL,  
chart_facet_title_padding_top = NULL,  
chart_facet_title_padding_bottom = NULL,  
chart_facet_title_bg = NULL,  
chart_facet_title_bg_color = NULL,  
chart_facet_title_bg_padding = NULL,  
chart_radial_axis_axis_show = NULL,  
chart_radial_axis_x_line_color = NULL,  
chart_radial_axis_x_line_width = NULL,  
chart_radial_axis_x_tick_label_color = NULL,  
chart_radial_axis_x_tick_label_size = NULL,  
chart_radial_axis_x_tick_label_outline = NULL,  
chart_radial_axis_x_tick_label_weight = NULL,  
chart_radial_axis_y_min = NULL,  
chart_radial_axis_y_max = NULL,
```

```
chart_radial_axis_y_tick_number = NULL,  
chart_radial_axis_y_line_color = NULL,  
chart_radial_axis_y_line_width = NULL,  
chart_radial_axis_y_line_dash = NULL,  
chart_radial_axis_y_line_dash_gap = NULL,  
chart_radial_axis_y_tick_label_color = NULL,  
chart_radial_axis_y_tick_label_size = NULL,  
chart_radial_axis_y_tick_label_outline = NULL,  
chart_radial_axis_y_tick_label_space = NULL,  
chart_radial_axis_y_tick_label_weight = NULL,  
chart_radial_axis_margin_top = NULL,  
chart_radial_axis_margin_right = NULL,  
chart_radial_axis_margin_bottom = NULL,  
chart_radial_axis_margin_left = NULL,  
chart_radial_axis_group_labels = NULL,  
chart_radial_axis_group_labels_color = NULL,  
chart_radial_axis_group_labels_size = NULL,  
chart_radial_axis_group_labels_letter_spacing = NULL,  
chart_radial_axis_group_labels_space_above = NULL,  
chart_radial_axis_group_labels_space_below = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_legend_show_legend = NULL,  
chart_legend_title_mode = NULL,  
chart_legend_title = NULL,  
chart_legend_swatch_width = NULL,  
chart_legend_swatch_height = NULL,  
chart_legend_swatch_radius = NULL,  
chart_legend_legend_items_padding = NULL,  
chart_legend_swatch_outline = NULL,  
chart_legend_swatch_outline_color = NULL,  
chart_legend_order_override = NULL,  
chart_legend_icon_height = NULL,  
chart_legend_icon_color = NULL,  
chart_legend_max_width = NULL,  
chart_legend_orientation = NULL,  
facet_control_show = NULL,  
facet_control_default = NULL,  
facet_control_none = NULL,  
facets_label_combined = NULL,  
facet_control_individual = NULL,  
facets_label_separate = NULL,  
chart_facet_filter_controls_control_type = NULL,  
chart_facet_filter_controls_control_styles = NULL,
```

```
chart_facet_filter_controls_control_title = NULL,
chart_facet_filter_controls_button_group = NULL,
chart_facet_filter_controls_button_group_width_mode = NULL,
chart_facet_filter_controls_button_group_width_fixed = NULL,
chart_facet_filter_controls_dropdown_width_mode = NULL,
chart_facet_filter_controls_dropdown_width_fixed = NULL,
chart_facet_filter_controls_slider_width = NULL,
chart_facet_filter_controls_slider_max_label_width = NULL,
chart_facet_filter_controls_slider_step_time = NULL,
chart_facet_filter_controls_slider_loop = NULL,
chart_facet_filter_controls_slider_restart_pause = NULL,
chart_facet_filter_controls_sort = NULL,
chart_filter_controls_control_type = NULL,
chart_filter_controls_control_styles = NULL,
chart_filter_controls_control_title = NULL,
chart_filter_controls_button_group = NULL,
chart_filter_controls_button_group_width_mode = NULL,
chart_filter_controls_button_group_width_fixed = NULL,
chart_filter_controls_dropdown_width_mode = NULL,
chart_filter_controls_dropdown_width_fixed = NULL,
chart_filter_controls_slider_width = NULL,
chart_filter_controls_slider_max_label_width = NULL,
chart_filter_controls_slider_step_time = NULL,
chart_filter_controls_slider_loop = NULL,
chart_filter_controls_slider_restart_pause = NULL,
chart_filter_controls_sort = NULL,
filter_control_all = NULL,
filter_y_max = NULL,
chart_controls_style_font_size = NULL,
chart_controls_style_font_weight = NULL,
chart_controls_style_height = NULL,
chart_button_control_style_background = NULL,
chart_button_control_style_background_selected = NULL,
chart_button_control_style_background_hover = NULL,
chart_button_control_style_font_color = NULL,
chart_button_control_style_font_color_selected = NULL,
chart_button_control_style_font_color_hover = NULL,
chart_button_control_style_button_styles_advanced = NULL,
chart_button_control_style_border_width = NULL,
chart_button_control_style_border_color = NULL,
chart_button_control_style_border_transparency = NULL,
chart_button_control_style_border_radius = NULL,
chart_dropdown_control_style_background = NULL,
chart_dropdown_control_style_font_color = NULL,
chart_dropdown_control_style_border_styles_advanced = NULL,
chart_dropdown_control_style_border_style = NULL,
chart_dropdown_control_style_border_width = NULL,
chart_dropdown_control_style_border_color = NULL,
```

```
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,
```

```
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
popup_color_headings = NULL,  
duration = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,
```

```
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,
```

```
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,  
chart_layout_footer_align_vertical = NULL,  
chart_layout_footer_border = NULL,  
chart_layout_footer_border_width = NULL,  
chart_layout_footer_border_color = NULL,  
chart_layout_footer_border_style = NULL,
```



```

    chart_layout_footer_border_space = NULL,
    chart_layout_screener_text_primary = NULL,
    chart_layout_screener_label = NULL,
    chart_layout_screener_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

radars_curve Line curve. Choices: linear, cardinal. Flourish type hint: string, defaults to NULL

radars_star Line shape. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

radars_stroke_width
Line width. Flourish type hint: number, defaults to NULL

radars_stroke_opacity
Line opacity. Flourish type hint: number, defaults to NULL

radars_fill_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

radars_star_inner_radius
Star inner. The star shapes inner radius, as a percent of the max radius. Flourish type hint: number, defaults to NULL

chart_color_scale_categorical_palette
Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_sequential_domain_max`
Max. Flourish type hint: number, defaults to NULL

`chart_color_scale_diverging_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_diverging_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_diverging_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_diverging_custom_mid`
Midpoint color. Flourish type hint: color, defaults to NULL

`chart_color_scale_diverging_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_diverging_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_diverging_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_diverging_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_diverging_domain_mid`
Mid. Flourish type hint: number, defaults to NULL

`chart_color_scale_diverging_domain_max`
Max. Flourish type hint: number, defaults to NULL

facet_comparisons	Show comparison lines in grid mode. Flourish type hint: boolean, defaults to NULL
facet_comparison_stroke	Line. Flourish type hint: color, defaults to NULL
facet_comparison_stroke_width	Line width. Flourish type hint: number, defaults to NULL
facet_comparison_stroke_opacity	Line opacity. Flourish type hint: number, defaults to NULL
facet_comparison_fill	Fill. Flourish type hint: color, defaults to NULL
facet_comparison_fill_opacity	Fill opacity. Flourish type hint: number, defaults to NULL
chart_facet_columns_fixed	Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL
chart_facet_columns	Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL
chart_facet_min_width	Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL
chart_facet_min_width_fixed	Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL
chart_facet_custom_grid	Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL
chart_facet_custom_positions	Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL
chart_facet_max_width	Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL
chart_facet_gutter_w	Horizontal margin. Flourish type hint: number, defaults to NULL
chart_facet_gutter_h	Vertical margin. Flourish type hint: number, defaults to NULL
chart_facet_animation	On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL

chart_facet_titles
Show titles. Flourish type hint: boolean, defaults to NULL

chart_facet_title_align
Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL

chart_facet_title_size
Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL

chart_facet_title_unit
Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL

chart_facet_title_color
Color. Flourish type hint: color, defaults to NULL

chart_facet_title_padding_top
Space above. Flourish type hint: number, defaults to NULL

chart_facet_title_padding_bottom
Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg
Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL

chart_facet_title_bg_color
Background color. Flourish type hint: color, defaults to NULL

chart_facet_title_bg_padding
Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL

chart_radial_axis_axis_show
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_radial_axis_x_line_color
Line. Flourish type hint: color, defaults to NULL

chart_radial_axis_x_line_width
Width. Flourish type hint: number, defaults to NULL

chart_radial_axis_x_tick_label_color
Color. Flourish type hint: color, defaults to NULL

chart_radial_axis_x_tick_label_size
Size. Flourish type hint: number, defaults to NULL

chart_radial_axis_x_tick_label_outline
Outline. Flourish type hint: number, defaults to NULL

chart_radial_axis_x_tick_label_weight
Choices: 600, 400. Flourish type hint: string, defaults to NULL

chart_radial_axis_y_min
Min value. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_max
Max value. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_tick_number
Number. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_line_color
Color. Flourish type hint: color, defaults to NULL

chart_radial_axis_y_line_width
Width. Flourish type hint: string, defaults to NULL

chart_radial_axis_y_line_dash
Dash. Flourish type hint: string, defaults to NULL

chart_radial_axis_y_line_dash_gap
Gap. Flourish type hint: string, defaults to NULL

chart_radial_axis_y_tick_label_color
Color. Flourish type hint: color, defaults to NULL

chart_radial_axis_y_tick_label_size
Size. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_tick_label_outline
Outline. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_tick_label_space
Space. Flourish type hint: number, defaults to NULL

chart_radial_axis_y_tick_label_weight
Choices: 600, 400. Flourish type hint: string, defaults to NULL

chart_radial_axis_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_radial_axis_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_radial_axis_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_radial_axis_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_radial_axis_group_labels
Outer labels. Enter one per line, with an angle and a label separated by a colon, such as: 50: My Label. Flourish type hint: text, defaults to NULL

chart_radial_axis_group_labels_color
Color. Flourish type hint: color, defaults to NULL

chart_radial_axis_group_labels_size
Size. Flourish type hint: number, defaults to NULL

chart_radial_axis_group_labels_letter_spacing
Letter spacing. Flourish type hint: number, defaults to NULL

chart_radial_axis_group_labels_space_above
Space above. Flourish type hint: number, defaults to NULL

chart_radial_axis_group_labels_space_below
Space below. Flourish type hint: number, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_legend_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

facet_control_show
Show charts grid control. Flourish type hint: boolean, defaults to NULL

facet_control_default
Option to show on load. If you want to specify a different facet view to show on load either make a story or enter the label from the relevant button here. Case sensitive. Flourish type hint: string, defaults to NULL

facet_control_none
Include combined option. Flourish type hint: boolean, defaults to NULL

facets_label_combined
Combined label. Flourish type hint: string, defaults to NULL

facet_control_individual
Include separate option. Flourish type hint: boolean, defaults to NULL

facets_label_separate
Separate label. Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_facet_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_facet_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_facet_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_facet_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_facet_filter_controls_sort
 Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type
 Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
 Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
 Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
 Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
 Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
 Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
 Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
 Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
 Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
 Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
 Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
 Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
 Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
 Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_control_all
 Name for "All". Leave blank to not include an "All" option. Flourish type hint: string, defaults to NULL

filter_y_max
 Update axis y max when filtering. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
 Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_popup_mode
Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
Popup custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}`, GDP. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column` For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

popup_color_headings
Color popup headings. Flourish type hint: boolean, defaults to NULL

duration
Duration. The duration, in seconds, of transitions for example between two slides in a story. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

`chart_layout_body_font`
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

`chart_layout_font_color`
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

`chart_layout_background_color_enabled`
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_image_enabled`
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_color`
Background color. Flourish type hint: color, defaults to NULL

`chart_layout_background_image_src`
Image URL. Flourish type hint: url, defaults to NULL

`chart_layout_background_image_size`
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

`chart_layout_background_image_position`
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

`chart_layout_max_width_target`
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

`chart_layout_max_width`
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

`chart_layout_max_width_align`
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

`chart_layout_layout_order`
Layout order. Flourish type hint: string, defaults to NULL

`chart_layout_space_between_sections`
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

`chart_layout_space_between_sections_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_margin_top`
Top. Flourish type hint: number, defaults to NULL

`chart_layout_margin_right`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_margin_bottom`
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

`chart_layout_screenreader_hide_primary`
 Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "radar", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_radar_data(gapminder) |>
  set_radar_details()
)
```

`set_sankey_details` *Set sankey diagram chart details*

Description

Set sankey diagram chart details

Usage

```
set_sankey_details(  
  . ,  
  mode = NULL,  
  spread = NULL,  
  alignment = NULL,  
  sorting_mode = NULL,  
  node_sort_order = NULL,  
  iterations = NULL,  
  setup_settings = NULL,  
  node_width = NULL,  
  node_padding = NULL,  
  top_padding = NULL,  
  bottom_padding = NULL,  
  height_mode = NULL,  
  facet_aspect = NULL,  
  chart_facet_columns_fixed = NULL,  
  chart_facet_columns = NULL,  
  chart_facet_min_width = NULL,  
  chart_facet_min_width_fixed = NULL,  
  chart_facet_custom_grid = NULL,  
  chart_facet_custom_positions = NULL,  
  chart_facet_max_width = NULL,  
  chart_facet_gutter_w = NULL,  
  chart_facet_gutter_h = NULL,  
  chart_facet_animation = NULL,  
  chart_facet_titles = NULL,  
  chart_facet_title_align = NULL,  
  chart_facet_title_size = NULL,  
  chart_facet_title_unit = NULL,  
  chart_facet_title_color = NULL,  
  chart_facet_title_padding_top = NULL,  
  chart_facet_title_padding_bottom = NULL,  
  chart_facet_title_bg = NULL,  
  chart_facet_title_bg_color = NULL,  
  chart_facet_title_bg_padding = NULL,  
  facets_hide_empty = NULL,  
  chart_color_scale_categorical_palette = NULL,  
  chart_color_scale_categorical_extend = NULL,  
  chart_color_scale_categorical_custom_palette = NULL,  
  chart_color_scale_numeric_type = NULL,  
  chart_color_scale_binning = NULL,  
  chart_color_scale_bin_mode = NULL,  
  chart_color_scale_bin_count = NULL,  
  chart_color_scale_bin_thresholds = NULL,  
  chart_color_scale_sequential_palette = NULL,  
  chart_color_scale_sequential_reverse = NULL,  
  chart_color_scale_sequential_custom_min = NULL,
```

```
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
link_opacity = NULL,  
background_opacity = NULL,  
custom_node_color = NULL,  
links_color_mode = NULL,  
label_mode = NULL,  
label_outwards_max_width = NULL,  
label_color_mode = NULL,  
label_color = NULL,  
label_bold = NULL,  
label_show_values = NULL,  
label_show_values_links = NULL,  
label_color_links = NULL,  
label_outline = NULL,  
label_outline_width = NULL,  
label_font_size = NULL,  
label_facet_scaling = NULL,  
show_node_headings = NULL,  
node_headings_bold = NULL,  
node_headings_font_size = NULL,  
node_headings_padding = NULL,  
node_headings_max_width = NULL,  
node_headings_color = NULL,  
node_headings_overrides = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,
```

```
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
filter_show_all = NULL,  
filter_show_all_text = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,
```

```
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
popup_type = NULL,  
intro_duration = NULL,  
intro_ease_range = NULL,  
transition_duration = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,
```



```
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,
```

```
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,
```

```

chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
mode	Mode. Choices: alluvial, sankey. Flourish type hint: string, defaults to NULL
spread	Spread. Choices: step, column. Flourish type hint: string, defaults to NULL
alignment	Alignment. Choices: justify, center, left, right. Flourish type hint: string, defaults to NULL
sorting_mode	Sorting. Choices: datasheet, name, value, reduce_overlaps. Match sheet sorts based on the order of the categories as they appear in the datasheet. Value sorts by the value of the nodes at each stage. Reduce overlaps reduces the overlapping of links. Flourish type hint: string, defaults to NULL
node_sort_order	Order. Choices: ascending, descending. Flourish type hint: string, defaults to NULL

iterations	Iterations. Number of iterations of the layout algorithm before the diagram is drawn. The higher the value, the fewer link crossings you will see but the less likely the order is to match that in the datasheet. Flourish type hint: number, defaults to NULL
setup_settings	Advanced. Flourish type hint: boolean, defaults to NULL
node_width	Node width. Flourish type hint: number, defaults to NULL
node_padding	Node spacing. The vertical gap between nodes. Flourish type hint: number, defaults to NULL
top_padding	Margin above. Adds space at the top of the diagram; useful to accommodate any overflowing labels. Flourish type hint: number, defaults to NULL
bottom_padding	Margin below. Adds space at the bottom of the diagram; useful to accommodate any overflowing labels. Flourish type hint: number, defaults to NULL
height_mode	Height mode. Choices: aspect, standard. Whether responsive embeds should set their own height or use the standard responsive Flourish embed heights. Ignored in simple Iframe embeds, Canva and other fixed-height contexts. Flourish type hint: string, defaults to NULL
facet_aspect	Aspect. Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
chart_facet_columns_fixed	Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL
chart_facet_columns	Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL
chart_facet_min_width	Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL
chart_facet_min_width_fixed	Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL
chart_facet_custom_grid	Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL
chart_facet_custom_positions	Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1 Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL
chart_facet_max_width	Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL
chart_facet_gutter_w	Horizontal margin. Flourish type hint: number, defaults to NULL

chart_facet_gutter_h
Vertical margin. Flourish type hint: number, defaults to NULL

chart_facet_animation
On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL

chart_facet_titles
Show titles. Flourish type hint: boolean, defaults to NULL

chart_facet_title_align
Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL

chart_facet_title_size
Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL

chart_facet_title_unit
Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL

chart_facet_title_color
Color. Flourish type hint: color, defaults to NULL

chart_facet_title_padding_top
Space above. Flourish type hint: number, defaults to NULL

chart_facet_title_padding_bottom
Space below. Flourish type hint: number, defaults to NULL

chart_facet_title_bg
Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL

chart_facet_title_bg_color
Background color. Flourish type hint: color, defaults to NULL

chart_facet_title_bg_padding
Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL

facets_hide_empty
Hide empty charts when filtering. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

`chart_color_scale_binning`
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to NULL

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_sequential_domain_max`
Max. Flourish type hint: number, defaults to NULL

`chart_color_scale_diverging_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_diverging_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_diverging_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_diverging_custom_mid`
Midpoint color. Flourish type hint: color, defaults to NULL

`chart_color_scale_diverging_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

link_opacity Link opacity. Flourish type hint: number, defaults to NULL

background_opacity
Defocused opacity. When a node or link is in focus, this sets the opacity of the links and nodes not in focus. Flourish type hint: number, defaults to NULL

custom_node_color
Custom node color. Flourish type hint: color, defaults to NULL

links_color_mode
Links color mode. Choices: node, source, target. Flourish type hint: string, defaults to NULL

label_mode Position. Choices: outwards, inwards. Flourish type hint: string, defaults to NULL

label_outwards_max_width
Space. The max space available for the labels, as a percentage of the chart width. Flourish type hint: number, defaults to NULL

label_color_mode
Color mode. Choices: auto, fixed. Flourish type hint: string, defaults to NULL

label_color Color. Flourish type hint: color, defaults to NULL

label_bold Bold. Flourish type hint: boolean, defaults to NULL

label_show_values
Include values. Flourish type hint: boolean, defaults to NULL

label_show_values_links
Show link values. Choices: never, focused, always. Flourish type hint: string, defaults to NULL

label_color_links
Colour. Flourish type hint: color, defaults to NULL

label_outline Outline. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

label_outline_width
Width. As a percent of the font size. Flourish type hint: number, defaults to NULL

label_font_size
Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

label_facet_scaling
Scale with grid. Sets a max size based on the facet size, regardless of the page width. Flourish type hint: boolean, defaults to NULL

show_node_headings
 Show headings. Enables the labels above each column of nodes in an Alluvial diagram. Flourish type hint: boolean, defaults to NULL

node_headings_bold
 Bold. Flourish type hint: boolean, defaults to NULL

node_headings_font_size
 Font size. Flourish type hint: number, defaults to NULL

node_headings_padding
 Padding. Flourish type hint: number, defaults to NULL

node_headings_max_width
 Max width. Flourish type hint: number, defaults to NULL

node_headings_color
 Color. Flourish type hint: color, defaults to NULL

node_headings_overrides
 Custom overrides. On each line, type the step heading that you want to override, a double colon and then the replacement step heading. For example: 1 :: Phase A 2 :: Phase B. Flourish type hint: text, defaults to NULL

chart_filter_controls_control_type
 Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
 Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
 Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
 Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
 Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
 Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
 Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
 Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
 Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
 Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
 Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_show_all
Include "All". Flourish type hint: boolean, defaults to NULL

filter_show_all_text
"All" label. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
 Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
 Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
 Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
 Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
 Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
 Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
 Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
 Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
 Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
 Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
 Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
 Play button. Flourish type hint: boolean, defaults to NULL

chart_popup_mode
 Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
 Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
 Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
 Popup custom header. Use `{{LABEL}}` to include the Label for the current element. For links, this will show in the format of "Source Target", for nodes this will show the name of the node. For any other selected columns use `{{column_name}}`. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{# if column_name}}`Text to di
 For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`
 If statements can also be used to show certain content for links only or nodes only. Use `{{#if IS_LINK}}` or `{{#if IS_NODE}}` like so: `{{#if IS_LINK}} This is a link popup {{/if}} {{#if IS_NODE}} This is a node popup {{/if}}` Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main

Popup custom main content. Use `{{LABEL}}` to include the Label for the current element. For links, this will show in the format of "Source Target", for nodes this will show the name of the node. For any other selected columns use `{{column_name}}`. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{# if column_name}}Text to display when column_name is not empty{{/if}}`. For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`. If statements can also be used to show certain content for links only or nodes only. Use `{{#if IS_LINK}}` or `{{#if IS_NODE}}` like so: `{{#if IS_LINK}} This is a link popup {{/if}} {{#if IS_NODE}} This is a node popup {{/if}}` Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible

Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}`, GDI. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width

Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size

Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color

Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align

Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background

Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity

Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding

Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius

Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type

Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background

Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color

Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type

List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight

Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. Use `{{LABEL}}` to include the Label for the current element. For links, this will show in the format of "Source Target", for nodes this will show the name of the node. For any other selected columns use `{{column_name}}`. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{# if column_name}}Text to display when column_name is not empty{{/if}}`. For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`. If statements can also be used to show certain content for links only or nodes only. Use `{{#if IS_LINK}}` or `{{#if IS_NODE}}` like so: `{{#if IS_LINK}} This is a link panel {{/if}} {{#if IS_NODE}} This is a node panel {{/if}}` Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. Use `{{LABEL}}` to include the Label for the current element. For links, this will show in the format of "Source Target", for nodes this will show the name of the node. For any other selected columns use `{{column_name}}`. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{# if column_name}}Text to display when column_name is not empty{{/if}}`. For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`. If statements can also be used to show certain content for links only or nodes only. Use `{{#if IS_LINK}}` or `{{#if IS_NODE}}` like so: `{{#if IS_LINK}} This is a link panel {{/if}} {{#if IS_NODE}} This is a node panel {{/if}}` Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

popup_type
Type. Choices: links, nodes, all. Flourish type hint: string, defaults to NULL

intro_duration
Duration. Flourish type hint: number, defaults to NULL

intro_ease_range
Speed variation. When set at zero, all the links are revealed at an even speed. When set above zero, the lines randomly accelerate and decelerate slightly to give a more natural effect. Flourish type hint: number, defaults to NULL

transition_duration
Duration. In seconds. Flourish type hint: number, defaults to NULL

`chart_number_date_format_prefix`
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

`chart_number_date_format_suffix`
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

`chart_number_date_format_n_dec`
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

`chart_number_date_format_advanced`
Advanced. Flourish type hint: boolean, defaults to NULL

`chart_number_date_format_negative_sign`
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

`chart_number_date_format_strip_zeros`
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

`chart_number_date_format_strip_separator`
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

`chart_number_date_format_transform_labels`
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

`chart_number_date_format_transform`
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

`chart_number_date_format_multiply_divide_constant`
Flourish type hint: number, defaults to NULL

`chart_number_date_format_exponentiate_constant`
Flourish type hint: number, defaults to NULL

`chart_layout_body_font`
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

`chart_layout_font_color`
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

`chart_layout_background_color_enabled`
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_image_enabled`
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_background_color`
Background color. Flourish type hint: color, defaults to NULL

`chart_layout_background_image_src`
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add

`{{data_last_updated}}`). For example, "Last updated at `{{data_last_updated}}`".
 To customize the format, use the advanced options below. Flourish type hint:
 html, defaults to NULL

`chart_layout_advanced_note_styling`
 Advanced. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_timestamp_format`
 Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`,
`%H:%M %p`, `%H:%M:%S, %d %b %Y`, `%H:%M, %d %b %Y`, `%H:%M, %d/%m/%Y`,
`%H:%M, %m/%d/%Y`, `%H:%M, %d-%m-%Y`, `%H:%M, %m-%d-%Y`, `%d %b`
`%Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-`
`%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_enabled`
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_logo_src`
 Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`
 Image (light version). If provided this version will be used whenever the back-
 ground color is dark. Flourish type hint: hidden, defaults to NULL

`chart_layout_footer_logo_alt`
 Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_link_url`
 Link. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_height`
 Height. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_margin`
 Margin. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_order`
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults
 to NULL

`chart_layout_footer_border`
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults
 to NULL

`chart_layout_footer_border_width`
 Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`
 Space. Space between border and footer text. Flourish type hint: number, de-
 faults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only
 be visible to screenreaders, e.g. The line chart shows China consistently higher

than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label

Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sankey", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sankey_data(gapminder) |>
  set_sankey_details()
)
```

set_scatter_details *Set scatter chart details*

Description

Set scatter chart details

Usage

```
set_scatter_details(
  .,
  default_color = NULL,
  fill_opacity = NULL,
  default_shape = NULL,
  data_point_default_size = NULL,
  data_point_min_size = NULL,
  data_point_max_size = NULL,
  responsive_dots = NULL,
  stroke_opacity = NULL,
  stroke_width = NULL,
  stroke_mode = NULL,
  stroke_color = NULL,
  render_mode = NULL,
```

```
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
labels_show = NULL,  
labels_selective = NULL,  
label_color_type = NULL,  
label_color = NULL,  
labels_responsive = NULL,  
label_font_size = NULL,  
label_font_size_min = NULL,  
label_font_size_max = NULL,  
label_bg_size = NULL,  
label_max_width = NULL,  
label_align = NULL,  
label_x_offset = NULL,  
label_y_offset = NULL,  
height_mode = NULL,  
facet_aspect = NULL,  
facet_aspect_mobile = NULL,  
chart_background_background_color_enabled = NULL,  
chart_background_background_image_enabled = NULL,  
chart_background_background_color = NULL,  
chart_background_background_image_src = NULL,  
chart_background_background_image_size = NULL,  
chart_background_background_image_position = NULL,
```

```
margin_top = NULL,
margin_right = NULL,
margin_bottom = NULL,
margin_left = NULL,
facet_fixed_cols = NULL,
facet_min_w = NULL,
facet_cols = NULL,
facet_gutter_w = NULL,
facet_gutter_h = NULL,
facet_header_font_size = NULL,
facet_title_align = NULL,
facet_header_color = NULL,
lines_show = NULL,
line_width = NULL,
line_curve = NULL,
line_opacity = NULL,
line_color_mode = NULL,
line_per_facet = NULL,
line_color = NULL,
line_arrows = NULL,
line_arrow_size = NULL,
line_arrow_color_mode = NULL,
line_arrow_color = NULL,
x_matching = NULL,
x_single_row = NULL,
chart_x_axis_axis_position = NULL,
chart_x_axis_y_axis_position = NULL,
chart_x_axis_numeric_scale_type = NULL,
chart_x_axis_linear_min = NULL,
chart_x_axis_linear_max = NULL,
chart_x_axis_log_min = NULL,
chart_x_axis_log_max = NULL,
chart_x_axis_datetime_min = NULL,
chart_x_axis_datetime_max = NULL,
chart_x_axis_flip = NULL,
chart_x_axis_show_scale_settings = NULL,
chart_x_axis_nice = NULL,
chart_x_axis_zero_axis = NULL,
chart_x_axis_title_mode = NULL,
chart_x_axis_title = NULL,
chart_x_axis_title_styling = NULL,
chart_x_axis_title_weight = NULL,
chart_x_axis_title_color = NULL,
chart_x_axis_title_size = NULL,
chart_x_axis_title_padding = NULL,
chart_x_axis_tick_label_position = NULL,
chart_x_axis_tick_label_styling = NULL,
chart_x_axis_tick_label_size = NULL,
```

```
chart_x_axis_tick_label_color = NULL,  
chart_x_axis_tick_padding = NULL,  
chart_x_axis_tick_label_angle = NULL,  
chart_x_axis_tick_label_weight = NULL,  
chart_x_axis_tick_label_max_lines = NULL,  
chart_x_axis_tick_label_line_height = NULL,  
chart_x_axis_tick_label_space_mode = NULL,  
chart_x_axis_tick_label_space = NULL,  
chart_x_axis_tick_mode = NULL,  
chart_x_axis_tick_number = NULL,  
chart_x_axis_tick_custom = NULL,  
chart_x_axis_line_and_tick_color = NULL,  
chart_x_axis_line_and_tick_width = NULL,  
chart_x_axis_tick_length = NULL,  
chart_x_axis_tick_side = NULL,  
chart_x_axis_line_visible = NULL,  
chart_x_axis_edge_padding = NULL,  
chart_x_axis_gridlines_visible = NULL,  
chart_x_axis_gridlines_styling = NULL,  
chart_x_axis_gridline_color = NULL,  
chart_x_axis_gridline_style = NULL,  
chart_x_axis_gridline_width = NULL,  
chart_x_axis_gridline_category_dividers = NULL,  
chart_x_axis_gridline_category_dividers_extend = NULL,  
chart_x_axis_number_date_format_prefix = NULL,  
chart_x_axis_number_date_format_suffix = NULL,  
chart_x_axis_number_date_format_n_dec = NULL,  
chart_x_axis_number_date_format_advanced = NULL,  
chart_x_axis_number_date_format_negative_sign = NULL,  
chart_x_axis_number_date_format_strip_zeros = NULL,  
chart_x_axis_number_date_format_strip_separator = NULL,  
chart_x_axis_number_date_format_transform_labels = NULL,  
chart_x_axis_number_date_format_transform = NULL,  
chart_x_axis_number_date_format_multiply_divide_constant = NULL,  
chart_x_axis_number_date_format_exponentiate_constant = NULL,  
y_matching = NULL,  
y_single_col = NULL,  
chart_y_axis_axis_visible = NULL,  
chart_y_axis_numeric_scale_type = NULL,  
chart_y_axis_linear_min = NULL,  
chart_y_axis_linear_max = NULL,  
chart_y_axis_log_min = NULL,  
chart_y_axis_log_max = NULL,  
chart_y_axis_datetime_min = NULL,  
chart_y_axis_datetime_max = NULL,  
chart_y_axis_flip = NULL,  
chart_y_axis_show_scale_settings = NULL,  
chart_y_axis_nice = NULL,
```



```
chart_y_axis_zero_axis = NULL,  
chart_y_axis_title_mode = NULL,  
chart_y_axis_title = NULL,  
chart_y_axis_title_styling = NULL,  
chart_y_axis_title_position = NULL,  
chart_y_axis_title_weight = NULL,  
chart_y_axis_title_color = NULL,  
chart_y_axis_title_size = NULL,  
chart_y_axis_title_padding = NULL,  
chart_y_axis_tick_label_position = NULL,  
chart_y_axis_tick_label_styling = NULL,  
chart_y_axis_tick_label_size = NULL,  
chart_y_axis_tick_label_color = NULL,  
chart_y_axis_tick_padding = NULL,  
chart_y_axis_tick_label_angle = NULL,  
chart_y_axis_tick_label_weight = NULL,  
chart_y_axis_tick_label_max_lines = NULL,  
chart_y_axis_tick_label_line_height = NULL,  
chart_y_axis_tick_label_space_mode = NULL,  
chart_y_axis_tick_label_space = NULL,  
chart_y_axis_tick_mode = NULL,  
chart_y_axis_tick_number = NULL,  
chart_y_axis_tick_custom = NULL,  
chart_y_axis_line_and_tick_color = NULL,  
chart_y_axis_line_and_tick_width = NULL,  
chart_y_axis_tick_length = NULL,  
chart_y_axis_tick_side = NULL,  
chart_y_axis_line_visible = NULL,  
chart_y_axis_edge_padding = NULL,  
chart_y_axis_gridlines_visible = NULL,  
chart_y_axis_gridlines_styling = NULL,  
chart_y_axis_gridline_color = NULL,  
chart_y_axis_gridline_style = NULL,  
chart_y_axis_gridline_width = NULL,  
chart_y_axis_gridline_category_dividers = NULL,  
chart_y_axis_gridline_category_dividers_extend = NULL,  
chart_y_axis_number_date_format_prefix = NULL,  
chart_y_axis_number_date_format_suffix = NULL,  
chart_y_axis_number_date_format_n_dec = NULL,  
chart_y_axis_number_date_format_advanced = NULL,  
chart_y_axis_number_date_format_negative_sign = NULL,  
chart_y_axis_number_date_format_strip_zeros = NULL,  
chart_y_axis_number_date_format_strip_separator = NULL,  
chart_y_axis_number_date_format_transform_labels = NULL,  
chart_y_axis_number_date_format_transform = NULL,  
chart_y_axis_number_date_format_multiply_divide_constant = NULL,  
chart_y_axis_number_date_format_exponentiate_constant = NULL,  
legend_position = NULL,
```

```
legend_filtering_mode = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_continuous_legend_show_legend = NULL,  
chart_continuous_legend_title_mode = NULL,  
chart_continuous_legend_title = NULL,  
chart_continuous_legend_color_band_width = NULL,  
chart_continuous_legend_color_band_height = NULL,  
chart_continuous_legend_color_band_radius = NULL,  
chart_continuous_legend_binned_label_mode = NULL,  
chart_continuous_legend_binned_label_custom = NULL,  
chart_continuous_legend_legend_min = NULL,  
chart_continuous_legend_additional_min_label = NULL,  
chart_continuous_legend_legend_max = NULL,  
chart_continuous_legend_additional_max_label = NULL,  
text_legend = NULL,  
text_legend_title = NULL,  
text_legend_subtitle = NULL,  
text_legend_bold = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,
```

```
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,
```

```
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
filter_show_all = NULL,  
filter_show_all_text = NULL,  
filter_updates_axes = NULL,  
slider_updates_axes = NULL,  
time_label_show = NULL,  
time_label_color = NULL,  
time_label_opacity = NULL,  
time_label_font_size = NULL,  
chart_slider_filter_controls_control_type = NULL,  
chart_slider_filter_controls_control_styles = NULL,  
chart_slider_filter_controls_control_title = NULL,  
chart_slider_filter_controls_button_group = NULL,  
chart_slider_filter_controls_button_group_width_mode = NULL,  
chart_slider_filter_controls_button_group_width_fixed = NULL,  
chart_slider_filter_controls_dropdown_width_mode = NULL,  
chart_slider_filter_controls_dropdown_width_fixed = NULL,  
chart_slider_filter_controls_slider_width = NULL,  
chart_slider_filter_controls_slider_max_label_width = NULL,  
chart_slider_filter_controls_slider_step_time = NULL,  
chart_slider_filter_controls_slider_loop = NULL,  
chart_slider_filter_controls_slider_restart_pause = NULL,  
chart_slider_filter_controls_sort = NULL,  
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,
```

```
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
fit_type = NULL,  
fit_force_origin = NULL,  
fit_line_width = NULL,  
fit_line_dash = NULL,  
fit_line_color = NULL,  
beeswarm_plot = NULL,  
box_plot = NULL,  
box_color = NULL,  
box_opacity = NULL,  
box_line_color = NULL,  
box_line_width = NULL,  
box_whisker_type = NULL,  
box_whisker_multiplier = NULL,  
use_box_popup = NULL,  
box_first_quartile_text = NULL,  
box_median_text = NULL,  
box_third_quartile_text = NULL,  
violin_plot = NULL,  
violin_bandwidth = NULL,  
violin_samples = NULL,  
violin_color = NULL,  
violin_opacity = NULL,  
violin_sizing = NULL,  
chart_axes_highlights_x_enabled = NULL,  
chart_axes_highlights_x_lines = NULL,  
chart_axes_highlights_x_line_color = NULL,  
chart_axes_highlights_x_line_width = NULL,  
chart_axes_highlights_x_line_dash = NULL,  
chart_axes_highlights_x_areas = NULL,
```

```
chart_axes_highlights_x_area_color = NULL,  
chart_axes_highlights_x_area_opacity = NULL,  
chart_axes_highlights_x_area_texture = NULL,  
chart_axes_highlights_x_label_vertical = NULL,  
chart_axes_highlights_x_label_y_position = NULL,  
chart_axes_highlights_x_label_x_position = NULL,  
chart_axes_highlights_x_label_max_width = NULL,  
chart_axes_highlights_x_font_size = NULL,  
chart_axes_highlights_x_font_weight = NULL,  
chart_axes_highlights_x_label_color = NULL,  
chart_axes_highlights_x_shadow_color = NULL,  
chart_axes_highlights_x_shadow_enabled = NULL,  
chart_axes_highlights_y_enabled = NULL,  
chart_axes_highlights_y_lines = NULL,  
chart_axes_highlights_y_line_color = NULL,  
chart_axes_highlights_y_line_width = NULL,  
chart_axes_highlights_y_line_dash = NULL,  
chart_axes_highlights_y_areas = NULL,  
chart_axes_highlights_y_area_color = NULL,  
chart_axes_highlights_y_area_opacity = NULL,  
chart_axes_highlights_y_area_texture = NULL,  
chart_axes_highlights_y_label_x_position = NULL,  
chart_axes_highlights_y_label_y_position = NULL,  
chart_axes_highlights_y_label_max_width = NULL,  
chart_axes_highlights_y_font_size = NULL,  
chart_axes_highlights_y_font_weight = NULL,  
chart_axes_highlights_y_label_color = NULL,  
chart_axes_highlights_y_shadow_color = NULL,  
chart_axes_highlights_y_shadow_enabled = NULL,  
annotations_styling = NULL,  
chart_annotations_defaults_text_weight = NULL,  
chart_annotations_defaults_text_size = NULL,  
chart_annotations_defaults_text_color = NULL,  
chart_annotations_defaults_label_width = NULL,  
chart_annotations_defaults_text_background_mode = NULL,  
chart_annotations_defaults_text_bg = NULL,  
chart_annotations_defaults_label_bg = NULL,  
chart_annotations_defaults_text_alignment = NULL,  
chart_annotations_defaults_popup_position = NULL,  
chart_annotations_defaults_line_marker = NULL,  
chart_annotations_defaults_stroke_width = NULL,  
chart_annotations_defaults_stroke_color = NULL,  
chart_annotations_defaults_connector_extend_line = NULL,  
animation_duration = NULL,  
animation_stagger = NULL,  
line_animate_in = NULL,  
line_animate_out = NULL,  
chart_layout_body_font = NULL,
```

```
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,
```

```
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,
```



```

chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL,
chart_url_settings_enabled = NULL,
chart_url_settings_whitelist = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
default_color	Default color. Used when Color column is unspecified. Flourish type hint: color, defaults to NULL
fill_opacity	Dot opacity. Flourish type hint: number, defaults to NULL
default_shape	Default shape. Choices: circle, cross, diamond, square, star, triangle, wye. Used when Shape column is unspecified or empty. Flourish type hint: string, defaults to NULL
data_point_default_size	Size. In pixel area. Only used when Size column is unspecified or empty. Subject to scaling with the chart size (see setting below). Flourish type hint: number, defaults to NULL
data_point_min_size	Min size. In pixel area. Used when you have a Size column selected. Subject to scaling with the chart size. Flourish type hint: number, defaults to NULL

<code>data_point_max_size</code>	Max size. In pixel area. Used when you have a Size column selected. Subject to scaling with the chart size. Flourish type hint: number, defaults to NULL
<code>responsive_dots</code>	Scale dots based on chart size. Makes the dots get bigger or smaller relative to the chart size. Turn off to specify a fixed size regardless of chart size. Flourish type hint: boolean, defaults to NULL
<code>stroke_opacity</code>	Outline opacity. Flourish type hint: number, defaults to NULL
<code>stroke_width</code>	Outline width. Flourish type hint: number, defaults to NULL
<code>stroke_mode</code>	Outline mode. Choices: auto, fixed. Choose Auto for outline color to match dot color. Choose Fixed to give all dots a uniform outline color. Flourish type hint: string, defaults to NULL
<code>stroke_color</code>	Outline color. Flourish type hint: color, defaults to NULL
<code>render_mode</code>	Renderer. Choices: svg, webgl. In most cases you should only need SVG, but you may want to choose WebGL if you have a lot of data or you notice your chart is running slowly on your device. Flourish type hint: string, defaults to NULL
<code>chart_color_scale_categorical_palette</code>	Palette. Flourish type hint: colors, defaults to NULL
<code>chart_color_scale_categorical_extend</code>	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
<code>chart_color_scale_categorical_custom_palette</code>	Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL
<code>chart_color_scale_numeric_type</code>	Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
<code>chart_color_scale_binning</code>	Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL
<code>chart_color_scale_bin_mode</code>	Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL
<code>chart_color_scale_bin_count</code>	Number of bins. Flourish type hint: number, defaults to NULL
<code>chart_color_scale_bin_thresholds</code>	Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For

"5;10;15", you'll get four bins based on your data's range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
 Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
 Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
 Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
 Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
 Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
 Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
 Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
 Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
 Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
 Max. Flourish type hint: number, defaults to NULL

labels_show Show labels on points. Labels only show up if you have designated a Name column in the data tab. Flourish type hint: boolean, defaults to NULL

labels_selective
 Labels to show. Choices: FALSE, TRUE. To show labels selectively, turn on this option and then make a story. In the story editor, click on dots to hide/show the labels. Flourish type hint: boolean, defaults to NULL

label_color_type	Label color. Choices: auto, match, fixed. Flourish type hint: string, defaults to NULL
label_color	Fixed. Flourish type hint: color, defaults to NULL
labels_responsive	Scale label. Choices: chart, data, none. Choose between no scale, scale by chart size, or try to fit the label in the data point. Flourish type hint: string, defaults to NULL
label_font_size	Font size. Flourish type hint: number, defaults to NULL
label_font_size_min	Min font size. Flourish type hint: number, defaults to NULL
label_font_size_max	Max font size. Flourish type hint: number, defaults to NULL
label_bg_size	Shadow size. As percent of font size. Flourish type hint: number, defaults to NULL
label_max_width	Max width. Flourish type hint: number, defaults to NULL
label_align	Alignment. Choices: auto, start, middle, end. Align the text at the start, middle or end of the data point. Flourish type hint: string, defaults to NULL
label_x_offset	Offset. Choices: top, next. Place labels on top of or next to the data point. Flourish type hint: string, defaults to NULL
label_y_offset	Offset. Choices: top, above, below. Place labels on top of or next to the data point. Flourish type hint: string, defaults to NULL
height_mode	Sizing mode. Choices: auto, fill_space, aspect. In Fill space mode the graphic will fill the container (which by default will be the the standard Flourish responsive chart size). In Aspect ratio mode, you set the aspect ratio of the plot, and the container will be updated to accommodate it (not supported when embedded in a simple fixed-height iframe). Flourish type hint: string, defaults to NULL
facet_aspect	Aspect (desktop). Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
facet_aspect_mobile	Aspect (mobile). Aspect of each plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
chart_background_background_color_enabled	Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_background_background_image_enabled	Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_background_background_color	Color. Flourish type hint: color, defaults to NULL
chart_background_background_image_src	Image URL. Flourish type hint: url, defaults to NULL
chart_background_background_image_size	Size. Choices: stretch, slice, meet. Flourish type hint: string, defaults to NULL

chart_background_background_image_position	Position. Choices: x_min_y_min, x_mid_y_min, x_max_y_min, x_max_y_mid, x_mid_y_mid, x_min_y_max, x_mid_y_max, x_max_y_max. Flourish type hint: string, defaults to NULL
margin_top	Top. Flourish type hint: number, defaults to NULL
margin_right	Right. Flourish type hint: number, defaults to NULL
margin_bottom	Bottom. Flourish type hint: number, defaults to NULL
margin_left	Left. Flourish type hint: number, defaults to NULL
facet_fixed_cols	Fixed number of columns in grid. Flourish type hint: boolean, defaults to NULL
facet_min_w	Min chart width. Determines how many columns of charts there should be in the grid. Ignored if you specify a fixed number of columns. Flourish type hint: number, defaults to NULL
facet_cols	Number of columns in grid. Flourish type hint: number, defaults to NULL
facet_gutter_w	Horizontal. In rems. Flourish type hint: number, defaults to NULL
facet_gutter_h	Vertical. In rems. Flourish type hint: number, defaults to NULL
facet_header_font_size	Text size. In rems. Flourish type hint: number, defaults to NULL
facet_title_align	Alignment. Choices: auto, left, center. Flourish type hint: string, defaults to NULL
facet_header_color	Color. Flourish type hint: color, defaults to NULL
lines_show	Shows lines. Flourish type hint: boolean, defaults to NULL
line_width	Line width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
line_curve	Line style. Choices: curve_linear, curve_natural. Flourish type hint: string, defaults to NULL
line_opacity	Line opacity. Flourish type hint: number, defaults to NULL
line_color_mode	Line color. Choices: by_dot, fixed. When set to Match dots the lines will be the same as the first dot in the line. Flourish type hint: string, defaults to NULL
line_per_facet	Lock lines to axes. Disable to allow lines to run between or animate between facets. Flourish type hint: boolean, defaults to NULL
line_color	Color. Flourish type hint: color, defaults to NULL
line_arrows	Arrow heads on lines. Flourish type hint: boolean, defaults to NULL
line_arrow_size	Size. Flourish type hint: number, defaults to NULL
line_arrow_color_mode	Color mode. Choices: auto, fixed. Flourish type hint: string, defaults to NULL
line_arrow_color	Color. Flourish type hint: color, defaults to NULL

x_matching	Matching x axis across grid of charts. Flourish type hint: boolean, defaults to NULL
x_single_row	Only show x axis on first column of grid. Flourish type hint: boolean, defaults to NULL
chart_x_axis_axis_position	Position. Choices: bottom, float-below, float-above, top, off. Flourish type hint: string, defaults to NULL
chart_x_axis_y_axis_position	Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL
chart_x_axis_numeric_scale_type	Type. Choices: linear, log. Flourish type hint: string, defaults to NULL
chart_x_axis_linear_min	Min. Flourish type hint: number, defaults to NULL
chart_x_axis_linear_max	Max. Flourish type hint: number, defaults to NULL
chart_x_axis_log_min	Min. Flourish type hint: number, defaults to NULL
chart_x_axis_log_max	Max. Flourish type hint: number, defaults to NULL
chart_x_axis_datetime_min	Min (date). Flourish type hint: string, defaults to NULL
chart_x_axis_datetime_max	Max (date). Flourish type hint: string, defaults to NULL
chart_x_axis_flip	Flip axis. Flourish type hint: boolean, defaults to NULL
chart_x_axis_show_scale_settings	Configure default min/max. Flourish type hint: boolean, defaults to NULL
chart_x_axis_nice	Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL
chart_x_axis_zero_axis	Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL
chart_x_axis_title_mode	Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL
chart_x_axis_title	Text. Flourish type hint: string, defaults to NULL
chart_x_axis_title_styling	Styling. Flourish type hint: boolean, defaults to NULL
chart_x_axis_title_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_x_axis_title_color`
Color. Flourish type hint: color, defaults to NULL

`chart_x_axis_title_size`
Size. Flourish type hint: number, defaults to NULL

`chart_x_axis_title_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_position`
Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_tick_label_size`
Size. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_color`
Color. Flourish type hint: color, defaults to NULL

`chart_x_axis_tick_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_angle`
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_max_lines`
Max lines. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_label_space_mode`
Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_label_space`
Space. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_mode`
Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

`chart_x_axis_tick_number`
Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_custom`
One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use `{{FIRST}}` and `{{LAST}}` to add ticks at the minimum and maximum of the axis. For example: `{{FIRST}} 25000 50000 75000 {{LAST}}`. Flourish type hint: text, defaults to NULL

`chart_x_axis_line_and_tick_color`
Line color. Flourish type hint: color, defaults to NULL

`chart_x_axis_line_and_tick_width`
Line width. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_length`
Tick length. Flourish type hint: number, defaults to NULL

`chart_x_axis_tick_side`
Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL

`chart_x_axis_line_visible`
Axis line. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_edge_padding`
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

`chart_x_axis_gridlines_visible`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_gridlines_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_gridline_color`
Color. Flourish type hint: color, defaults to NULL

`chart_x_axis_gridline_style`
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

`chart_x_axis_gridline_width`
Width. Flourish type hint: number, defaults to NULL

`chart_x_axis_gridline_category_dividers`
Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_gridline_category_dividers_extend`
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_number_date_format_prefix`
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

`chart_x_axis_number_date_format_suffix`
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

`chart_x_axis_number_date_format_n_dec`
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

`chart_x_axis_number_date_format_advanced`
Advanced. Flourish type hint: boolean, defaults to NULL

`chart_x_axis_number_date_format_negative_sign`
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_strip_zeros
 Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_strip_separator
 Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_transform_labels
 Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_x_axis_number_date_format_transform
 Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_x_axis_number_date_format_multiply_divide_constant
 Flourish type hint: number, defaults to NULL

chart_x_axis_number_date_format_exponentiate_constant
 Flourish type hint: number, defaults to NULL

y_matching
 Matching y axis across grid of charts. Flourish type hint: boolean, defaults to NULL

y_single_col
 Only show Y axis on first column of grid. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
 Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
 Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
 Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
 Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
 Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
 Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
 Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
 Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
 Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
 Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
 Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
 Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_mode`
 Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

`chart_y_axis_title`
 Text. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_styling`
 Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_title_position`
 Position. Choices: side, end. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_weight`
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_y_axis_title_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_title_size`
 Size. Flourish type hint: number, defaults to NULL

`chart_y_axis_title_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_position`
 Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_styling`
 Styling. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_tick_label_size`
 Size. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_y_axis_tick_padding`
 Padding. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_angle`
 Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_weight`
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_max_lines`
 Max lines. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_line_height`
 Line height. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_label_space_mode`
 Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

`chart_y_axis_tick_label_space`
 Space. Flourish type hint: number, defaults to NULL

`chart_y_axis_tick_mode`
 Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL

chart_y_axis_tick_number	Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_custom	One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use <code>{{FIRST}}</code> and <code>{{LAST}}</code> to add ticks at the minimum and maximum of the axis. For example: <code>{{FIRST}} 25000 50000 75000 {{LAST}}</code> . Flourish type hint: text, defaults to NULL
chart_y_axis_line_and_tick_color	Line color. Flourish type hint: color, defaults to NULL
chart_y_axis_line_and_tick_width	Line width. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_length	Tick length. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_side	Side. Choices: out, in. Flourish type hint: string, defaults to NULL
chart_y_axis_line_visible	Axis line. Flourish type hint: boolean, defaults to NULL
chart_y_axis_edge_padding	Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL
chart_y_axis_gridlines_visible	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_y_axis_gridlines_styling	Styling. Flourish type hint: boolean, defaults to NULL
chart_y_axis_gridline_color	Color. Flourish type hint: color, defaults to NULL
chart_y_axis_gridline_style	Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL
chart_y_axis_gridline_width	Width. Flourish type hint: number, defaults to NULL
chart_y_axis_gridline_category_dividers	Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL
chart_y_axis_gridline_category_dividers_extend	Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL
chart_y_axis_number_date_format_prefix	Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

`chart_y_axis_number_date_format_suffix`
 Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

`chart_y_axis_number_date_format_n_dec`
 Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

`chart_y_axis_number_date_format_advanced`
 Advanced. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_number_date_format_negative_sign`
 Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

`chart_y_axis_number_date_format_strip_zeros`
 Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_number_date_format_strip_separator`
 Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_number_date_format_transform_labels`
 Multiply/divide values. Flourish type hint: boolean, defaults to NULL

`chart_y_axis_number_date_format_transform`
 Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

`chart_y_axis_number_date_format_multiply_divide_constant`
 Flourish type hint: number, defaults to NULL

`chart_y_axis_number_date_format_exponentiate_constant`
 Flourish type hint: number, defaults to NULL

`legend_position`
 Legend position. Choices: above, below, off. The legend position relative to the chart. A legend will not show with a single entry. Flourish type hint: string, defaults to NULL

`legend_filtering_mode`
 Clickable legend. Choices: filter_out, filter_in, off. When a legend item is clicked on, the corresponding dots can either be hidden or shown. This option can also be turned off. Flourish type hint: string, defaults to NULL

`chart_legend_container_alignment`
 Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_legend_container_orientation`
 Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

`chart_legend_container_title_weight`
 Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_legend_container_text_weight`
 Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_legend_container_text_color`
 Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_continuous_legend_show_legend
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_continuous_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_continuous_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_continuous_legend_color_band_width
Width. Flourish type hint: number, defaults to NULL

chart_continuous_legend_color_band_height
 Height. Flourish type hint: number, defaults to NULL

chart_continuous_legend_color_band_radius
 Roundness. The radius of the corners of the color band (in pixels). Flourish type hint: number, defaults to NULL

chart_continuous_legend_binned_label_mode
 Binned label mode. Choices: thresholds, centers, custom. Flourish type hint: string, defaults to NULL

chart_continuous_legend_binned_label_custom
 Custom bin labels. List numeric values, separated by semi-colons. Flourish type hint: string, defaults to NULL

chart_continuous_legend_legend_min
 Legend min. Flourish type hint: number, defaults to NULL

chart_continuous_legend_additional_min_label
 Custom min label. Flourish type hint: string, defaults to NULL

chart_continuous_legend_legend_max
 Legend max. Flourish type hint: number, defaults to NULL

chart_continuous_legend_additional_max_label
 Custom max label. Flourish type hint: string, defaults to NULL

text_legend
 Choices: auto, custom, off. Flourish type hint: string, defaults to NULL

text_legend_title
 Title. Flourish type hint: boolean, defaults to NULL

text_legend_subtitle
 Subtitle. Flourish type hint: boolean, defaults to NULL

text_legend_bold
 Bold. If checked, always use bold for colored items. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_prefix
 Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
 Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
 Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
 Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
 Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
 Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
 Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

- chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL
- chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL
- chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL
- chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL
- chart_popup_mode
Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL
- chart_popup_popup_is_custom
Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
- chart_popup_show_popup_styles
Show popup styles. Flourish type hint: boolean, defaults to NULL
- chart_popup_popup_custom_header
Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
- chart_popup_popup_custom_main
Popup custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
- chart_popup_popup_custom_accessible
Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}, GD`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL
- chart_popup_popup_width
Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL
- chart_popup_popup_font_size
Text size. Flourish type hint: number, defaults to NULL
- chart_popup_popup_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
 Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
 Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
 Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
 Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
 Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
 Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
 Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
 Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
 List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
 Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
 List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
 Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
 Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
 Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
 Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
 Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
 Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
 Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
 Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
 Panel custom header. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide

parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column`
 For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`.
 Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

`chart_popup_panel_custom_main`

Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

`chart_popup_panel_width_overlay`

Width (%). Flourish type hint: number, defaults to NULL

`chart_popup_panel_height_overlay`

Height (%). Flourish type hint: number, defaults to NULL

`chart_popup_panel_width_side`

Width (%). Flourish type hint: number, defaults to NULL

`chart_popup_panel_height_side`

Height (%). Flourish type hint: number, defaults to NULL

`chart_popup_panel_max_width`

Max width (px). Flourish type hint: number, defaults to NULL

`chart_popup_panel_max_height`

Max height (px). Flourish type hint: number, defaults to NULL

`chart_popup_panel_vertical_position`

Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

`chart_popup_panel_text_color`

Text color. Flourish type hint: color, defaults to NULL

`chart_popup_panel_font_size`

Text size. Flourish type hint: number, defaults to NULL

`chart_popup_panel_align`

Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_popup_panel_background`

Fill color. Flourish type hint: color, defaults to NULL

`chart_popup_panel_background_opacity`

Fill opacity. Flourish type hint: number, defaults to NULL

`chart_popup_panel_padding`

Padding. Flourish type hint: number, defaults to NULL

`chart_popup_panel_radius`

Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_show_all	Include "All". Flourish type hint: boolean, defaults to NULL
filter_show_all_text	"All" label. Flourish type hint: string, defaults to NULL
filter_updates_axes	Update axes when filtering. Choices: off, x, y, both. Flourish type hint: string, defaults to NULL
slider_updates_axes	Update axes when using slider. Choices: off, x, y, both. Flourish type hint: string, defaults to NULL
time_label_show	Show time label. Flourish type hint: boolean, defaults to NULL
time_label_color	Color. Flourish type hint: color, defaults to NULL
time_label_opacity	Opacity. Flourish type hint: number, defaults to NULL
time_label_font_size	Size. As a percent of the default size; the actual size scales with the chart. Flourish type hint: number, defaults to NULL
chart_slider_filter_controls_control_type	Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL
chart_slider_filter_controls_control_styles	Adv. Flourish type hint: boolean, defaults to NULL
chart_slider_filter_controls_control_title	Control title. Flourish type hint: string, defaults to NULL
chart_slider_filter_controls_button_group	Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_slider_filter_controls_button_group_width_mode	Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL
chart_slider_filter_controls_button_group_width_fixed	Width. Flourish type hint: number, defaults to NULL
chart_slider_filter_controls_dropdown_width_mode	Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL
chart_slider_filter_controls_dropdown_width_fixed	Width. Flourish type hint: number, defaults to NULL
chart_slider_filter_controls_slider_width	Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL
chart_slider_filter_controls_slider_max_label_width	Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_slider_step_time`
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_slider_loop`
Loop. Flourish type hint: boolean, defaults to NULL

`chart_slider_filter_controls_slider_restart_pause`
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

`chart_slider_filter_controls_sort`
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_filter_controls_container_alignment`
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_filter_controls_container_controls_spacing`
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

`chart_controls_style_font_size`
Text size. Flourish type hint: number, defaults to NULL

`chart_controls_style_font_weight`
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_controls_style_height`
Height. Flourish type hint: number, defaults to NULL

`chart_dropdown_control_style_background`
Background. Flourish type hint: color, defaults to NULL

`chart_dropdown_control_style_font_color`
Text color. Flourish type hint: color, defaults to NULL

`chart_dropdown_control_style_border_styles_advanced`
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

`chart_dropdown_control_style_border_style`
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

`chart_dropdown_control_style_border_width`
Border width. Flourish type hint: number, defaults to NULL

`chart_dropdown_control_style_border_color`
Color. Flourish type hint: color, defaults to NULL

`chart_dropdown_control_style_border_transparency`
Transparency. Flourish type hint: number, defaults to NULL

`chart_dropdown_control_style_border_radius`
Radius. Flourish type hint: number, defaults to NULL

`chart_button_control_style_background`
Background. Flourish type hint: color, defaults to NULL

`chart_button_control_style_background_selected`
Selected. Flourish type hint: color, defaults to NULL

`chart_button_control_style_background_hover`
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color	Text color. Flourish type hint: color, defaults to NULL
chart_button_control_style_font_color_selected	Selected. Flourish type hint: color, defaults to NULL
chart_button_control_style_font_color_hover	Mouse over. Flourish type hint: color, defaults to NULL
chart_button_control_style_button_styles_advanced	Button border styles. Flourish type hint: boolean, defaults to NULL
chart_button_control_style_border_width	Border width. Flourish type hint: number, defaults to NULL
chart_button_control_style_border_color	Color. Flourish type hint: color, defaults to NULL
chart_button_control_style_border_transparency	Transparency. Flourish type hint: number, defaults to NULL
chart_button_control_style_border_radius	Radius. Flourish type hint: number, defaults to NULL
chart_slider_control_style_track_color	Track. Flourish type hint: color, defaults to NULL
chart_slider_control_style_font_color	Text. Flourish type hint: color, defaults to NULL
chart_slider_control_style_handle_color	Handle. Flourish type hint: color, defaults to NULL
chart_slider_control_style_play_color	Play/pause. Flourish type hint: color, defaults to NULL
chart_slider_control_style_track_height	Track height. Flourish type hint: number, defaults to NULL
chart_slider_control_style_handle_height	Height. Flourish type hint: number, defaults to NULL
chart_slider_control_style_play_button	Play button. Flourish type hint: boolean, defaults to NULL
fit_type	Lines to show. Choices: none, both, color, chart, all. Flourish type hint: string, defaults to NULL
fit_force_origin	Force line through origin. Flourish type hint: boolean, defaults to NULL
fit_line_width	Width. Flourish type hint: number, defaults to NULL
fit_line_dash	Dash. Flourish type hint: number, defaults to NULL
fit_line_color	Color. Flourish type hint: color, defaults to NULL
beeswarm_plot	Show beeswarm when plotting one numerical and one categorical axis. Choices: TRUE, FALSE. Auto mode will make a beeswarm unless there are more than 5000 points in the dataset. Note: Performance will be reduced with thousands of rows due to the nature of how beeswarm positions are computed. Flourish type hint: boolean, defaults to NULL
box_plot	Show box plot when plotting one numerical and one categorical axis. Choices: TRUE, FALSE. To learn more about box plots see here . Flourish type hint: boolean, defaults to NULL

box_color	Box color. Flourish type hint: color, defaults to NULL
box_opacity	Box opacity. Flourish type hint: number, defaults to NULL
box_line_color	Line color. Flourish type hint: color, defaults to NULL
box_line_width	Line width. Flourish type hint: number, defaults to NULL
box_whisker_type	Whisker type. Choices: tukey, all. Flourish type hint: string, defaults to NULL
box_whisker_multiplier	Max whisker length (number of IQRs). Maximum distance whiskers should extend out from the box as a multiple of the interquartile range. 1.5 is John Tukeys classic value. Flourish type hint: number, defaults to NULL
use_box_popup	Box popup. If enabled, shows a popup for the box describing the first quartile, median, and third quartile. The user will not be able to access the popups for the points underneath the box. Flourish type hint: boolean, defaults to NULL
box_first_quartile_text	First quartile. Flourish type hint: string, defaults to NULL
box_median_text	Median. Flourish type hint: string, defaults to NULL
box_third_quartile_text	Third quartile. Flourish type hint: string, defaults to NULL
violin_plot	Show violin plot when plotting one numerical and one categorical axis. Choices: TRUE, FALSE. To learn more about violin plots see here. Flourish type hint: boolean, defaults to NULL
violin_bandwidth	Bandwidth. The bandwidth in a violin plot determines the degree of smoothing applied to the probability density function estimating the shape of the plot. Generally, larger bandwidth values create a smoother plot with less detail, while smaller values create a more precise plot with more detail. Flourish type hint: number, defaults to NULL
violin_samples	No. of samples. Number of points at which to calculate a violins distribution. More points means a more accurate curve but can also harm performance. Flourish type hint: number, defaults to NULL
violin_color	Color. Flourish type hint: color, defaults to NULL
violin_opacity	Opacity. Flourish type hint: number, defaults to NULL
violin_sizing	Sizing mode. Choices: area, width. Flourish type hint: string, defaults to NULL
chart_axes_highlights_x_enabled	Show highlights on the x axis. Flourish type hint: boolean, defaults to NULL
chart_axes_highlights_x_lines	One per line, in format “My label :: 2012”. One per line, using the format : My label :: 2012 For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart. Use the format: My label :: 2012 :: line_color / text_color :: facet_name. For example, My label :: 2012 :: #eb0000 / #0084bd :: Category 1. If you want to add an annotation to just one specific chart but do not want to color the line/text, you can leave that part blank. For example: My label :: 2012 :: : Category 1 Flourish type hint: text, defaults to NULL

`chart_axes_highlights_x_line_color`
Line color. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_x_line_width`
Line width. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_x_line_dash`
Dash. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_x_areas`
One per line, in format “My label :: 2013 » 2015”. One per line, using the format : My label :: date » date For dates, use the input format as specified in the datasheet. You can optionally specify a line color and a text color For visualizations using a grid of charts , you can apply the annotation only on a specific chart Use the format: My label :: 2012 :: area_color / text_color :: facet_name For example, My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1. Flourish type hint: text, defaults to NULL

`chart_axes_highlights_x_area_color`
Area. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_x_area_opacity`
Area opacity. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_x_area_texture`
Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flourish type hint: string, defaults to NULL

`chart_axes_highlights_x_label_vertical`
Vertical. Flourish type hint: boolean, defaults to NULL

`chart_axes_highlights_x_label_y_position`
Y position. Choices: bottom, middle, top. Vertically position the label at the top, bottom or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

`chart_axes_highlights_x_label_x_position`
X position. Choices: left, middle, right. Horizontally position the label on the left, the right or in the middle of the line. This setting will be ignored if there is not enough space for the selected position. Flourish type hint: string, defaults to NULL

`chart_axes_highlights_x_label_max_width`
Max width. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_x_font_size`
Font size. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_x_font_weight`
Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

`chart_axes_highlights_x_label_color`
Text. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_x_shadow_color`
Shadow. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_x_shadow_enabled`
Shadow. Flourish type hint: boolean, defaults to NULL

`chart_axes_highlights_y_enabled`
 Show highlights on the y axis. Flourish type hint: boolean, defaults to NULL

`chart_axes_highlights_y_lines`
 One per line, in format “My label :: 5000”. One per line, using the format :
 My label :: 2012 For dates, use the input format as specified in the datasheet.
 You can optionally specify a line color and a text color For visualizations using
 a grid of charts , you can apply the annotation only on a specific chart Use the
 format: My label :: 2012 :: line_color / text_color :: facet_name.
 For example: My label :: 2012 :: #eb0000 / #0084bd :: Category 1. If
 you want to add an annotation to just one specific chart but do not want to color
 the line/text, you can leave that part blank. For example: My label :: 2012 :: ::
 Category 1 Flourish type hint: text, defaults to NULL

`chart_axes_highlights_y_line_color`
 Line color. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_y_line_width`
 line width. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_y_line_dash`
 Dash. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_y_areas`
 One per line, in format “My label :: 2000 » 8000”. One per line, using the for-
 mat : My label :: date » date For dates, use the input format as specified in the
 datasheet. You can optionally specify a line color and a text color For visualiza-
 tions using a grid of charts , you can apply the annotation only on a specific chart
 Use the format: My label :: 2012 :: area_color / text_color :: facet_name For ex-
 ample: My label :: 2012 >> 2015 :: #eb0000 / #0084bd :: Category 1.
 Flourish type hint: text, defaults to NULL

`chart_axes_highlights_y_area_color`
 Area. Flourish type hint: color, defaults to NULL

`chart_axes_highlights_y_area_opacity`
 Area opacity. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_y_area_texture`
 Area texture. Choices: none, pattern-diagonal, pattern-grid, pattern-dots. Flour-
 ish type hint: string, defaults to NULL

`chart_axes_highlights_y_label_x_position`
 X position. Choices: left, middle, right. Horizontally position label on the left,
 the middle or the right end of the line. This setting will be ignored if there is
 not enough space for the selected position. Flourish type hint: string, defaults to
 NULL

`chart_axes_highlights_y_label_y_position`
 Y position. Choices: above, middle, below. Vertically position the label above,
 below or in the middle of the line. This setting will be ignored if there is not
 enough space for the selected position. Flourish type hint: string, defaults to
 NULL

`chart_axes_highlights_y_label_max_width`
 Max width. Flourish type hint: number, defaults to NULL

`chart_axes_highlights_y_font_size`
 Font size. Flourish type hint: number, defaults to NULL

chart_axes_highlights_y_font_weight
Font weight. Choices: regular, bold. Flourish type hint: string, defaults to NULL

chart_axes_highlights_y_label_color
Text. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_color
Shadow. Flourish type hint: color, defaults to NULL

chart_axes_highlights_y_shadow_enabled
Shadow. Flourish type hint: boolean, defaults to NULL

annotations_styling
Show annotations styling. Flourish type hint: boolean, defaults to NULL

chart_annotations_defaults_text_weight
Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_size
Text size. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_width
Max width. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_text_background_mode
Text background. Choices: none, outline, background. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_text_bg
Outline. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_label_bg
Background. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_text_alignment
Alignment. Choices: auto, start, center, end. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_popup_position
Popup position. Choices: center, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_line_marker
Marker. Choices: none, arrowhead_open, arrowhead. Flourish type hint: string, defaults to NULL

chart_annotations_defaults_stroke_width
Width. Flourish type hint: number, defaults to NULL

chart_annotations_defaults_stroke_color
Color. Flourish type hint: color, defaults to NULL

chart_annotations_defaults_connector_extend_line
Extend line. Choices: enabled, disabled. Flourish type hint: string, defaults to NULL

animation_duration
Animation duration. The duration of the animation for each dot or axis, in seconds. The animation can be seen between slides in a Flourish story. Flourish type hint: number, defaults to NULL

animation_stagger	Animation stagger. The delay between each dot starting to move, in seconds; set to 0 to have all dots move simultaneously. Flourish type hint: number, defaults to NULL
line_animate_in	Animate new lines in. Whether new lines should appear whole or be animated into view. Flourish type hint: boolean, defaults to NULL
line_animate_out	Animate exiting lines. Whether filtered/removed lines should be removed whole or animated out of view. Flourish type hint: boolean, defaults to NULL
chart_layout_body_font	Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL
chart_layout_font_color	Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL
chart_layout_background_color_enabled	Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_image_enabled	Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_color	Background color. Flourish type hint: color, defaults to NULL
chart_layout_background_image_src	Image URL. Flourish type hint: url, defaults to NULL
chart_layout_background_image_size	Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL
chart_layout_background_image_position	Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL
chart_layout_max_width_target	Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL
chart_layout_max_width	Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL
chart_layout_max_width_align	Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL
chart_layout_layout_order	Layout order. Flourish type hint: string, defaults to NULL
chart_layout_space_between_sections	Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

<code>chart_layout_footer_logo_margin</code>	Margin. Flourish type hint: number, defaults to NULL
<code>chart_layout_footer_logo_order</code>	Position. Choices: left, right. Flourish type hint: string, defaults to NULL
<code>chart_layout_footer_align_vertical</code>	V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL
<code>chart_layout_footer_border</code>	Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL
<code>chart_layout_footer_border_width</code>	Width. Flourish type hint: number, defaults to NULL
<code>chart_layout_footer_border_color</code>	Color. Flourish type hint: color, defaults to NULL
<code>chart_layout_footer_border_style</code>	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
<code>chart_layout_footer_border_space</code>	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
<code>chart_layout_screenreader_text_primary</code>	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
<code>chart_layout_screenreader_label</code>	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
<code>chart_layout_screenreader_hide_primary</code>	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL
<code>chart_url_settings_enabled</code>	Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL
<code>chart_url_settings_whitelist</code>	Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "scatter", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_scatter_data(gapminder) |>  
  set_scatter_details()  
)
```

`set_slope_chart_details`*Set slope chart chart details*

Description

Set slope chart chart details

Usage

```
set_slope_chart_details(  
  ``,  
  circle_radius = NULL,  
  slope_width = NULL,  
  slope_width_max = NULL,  
  slope_color = NULL,  
  curve = NULL,  
  chart_color_scale_categorical_palette = NULL,  
  chart_color_scale_categorical_extend = NULL,  
  chart_color_scale_categorical_custom_palette = NULL,  
  chart_color_scale_numeric_type = NULL,  
  chart_color_scale_binning = NULL,  
  chart_color_scale_bin_mode = NULL,  
  chart_color_scale_bin_count = NULL,  
  chart_color_scale_bin_thresholds = NULL,  
  chart_color_scale_sequential_palette = NULL,  
  chart_color_scale_sequential_reverse = NULL,  
  chart_color_scale_sequential_custom_min = NULL,  
  chart_color_scale_sequential_custom_max = NULL,  
  chart_color_scale_sequential_color_space = NULL,  
  chart_color_scale_sequential_custom_domain = NULL,  
  chart_color_scale_sequential_domain_min = NULL,  
  chart_color_scale_sequential_domain_max = NULL,  
  chart_color_scale_diverging_palette = NULL,  
  chart_color_scale_diverging_reverse = NULL,  
  chart_color_scale_diverging_custom_min = NULL,  
  chart_color_scale_diverging_custom_mid = NULL,  
  chart_color_scale_diverging_custom_max = NULL,  
  chart_color_scale_diverging_color_space = NULL,  
  chart_color_scale_diverging_custom_domain = NULL,
```

```
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
selected_slopes = NULL,  
value_type = NULL,  
ties_mode = NULL,  
sort_mode = NULL,  
height_mode = NULL,  
aspect_ratio = NULL,  
chart_facet_columns_fixed = NULL,  
chart_facet_columns = NULL,  
chart_facet_min_width = NULL,  
chart_facet_min_width_fixed = NULL,  
chart_facet_custom_grid = NULL,  
chart_facet_custom_positions = NULL,  
chart_facet_max_width = NULL,  
chart_facet_gutter_w = NULL,  
chart_facet_gutter_h = NULL,  
chart_facet_animation = NULL,  
chart_facet_titles = NULL,  
chart_facet_title_align = NULL,  
chart_facet_title_size = NULL,  
chart_facet_title_unit = NULL,  
chart_facet_title_color = NULL,  
chart_facet_title_padding_top = NULL,  
chart_facet_title_padding_bottom = NULL,  
chart_facet_title_bg = NULL,  
chart_facet_title_bg_color = NULL,  
chart_facet_title_bg_padding = NULL,  
axis_first_row_only = NULL,  
matching_y_axis = NULL,  
labels_name_position = NULL,  
labels_position = NULL,  
labels_inline_position = NULL,  
labels_inline_position_custom = NULL,  
only_show_highlights = NULL,  
chart_line_labels_max_width = NULL,  
chart_line_labels_overlap_mode = NULL,  
chart_line_labels_spreading_margin = NULL,  
chart_line_labels_data_point_margin = NULL,  
chart_line_labels_show_only_labels = NULL,  
chart_line_labels_text_color = NULL,  
chart_line_labels_text_size = NULL,  
chart_line_labels_text_bg_color = NULL,  
chart_line_labels_text_bg_size = NULL,  
chart_line_labels_text_line_height = NULL,  
chart_line_labels_text_max_lines = NULL,  
chart_line_labels_text_weight = NULL,
```

```
chart_line_labels_lines = NULL,  
chart_line_labels_line_style = NULL,  
chart_line_labels_line_color = NULL,  
chart_line_labels_line_width = NULL,  
chart_line_labels_line_range = NULL,  
chart_line_labels_line_padding = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,
```

```
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
axis_labels_position = NULL,  
axis_font_size = NULL,  
axis_text_color = NULL,  
axis_color = NULL,  
axis_width = NULL,  
axis_dashoffset = NULL,  
update_y_axis_filter = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
filter_show_all = NULL,  
filter_show_all_text = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,
```

```
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
animation_duration = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
legend_position = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,
```

```
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,
```

```
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,
```

```

chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL,
chart_url_settings_enabled = NULL,
chart_url_settings_whitelist = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
circle_radius	Circle radius. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
slope_width	Slope width. In pixels. Flourish type hint: number, defaults to NULL
slope_width_max	Max slope width. Flourish type hint: number, defaults to NULL
slope_color	Slope color. If not set, will use same color as main text. Flourish type hint: color, defaults to NULL
curve	Line curve. Choices: linear, cardinal, step. Flourish type hint: string, defaults to NULL
chart_color_scale_categorical_palette	Palette for categories. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

`chart_color_scale_binning`
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to NULL

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_sequential_domain_max`
Max. Flourish type hint: number, defaults to NULL

`chart_color_scale_diverging_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_diverging_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min	Minimum color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_custom_mid	Midpoint color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_custom_max	Maximum color. Flourish type hint: color, defaults to NULL
chart_color_scale_diverging_color_space	Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL
chart_color_scale_diverging_custom_domain	Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_color_scale_diverging_domain_min	Min. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_domain_mid	Mid. Flourish type hint: number, defaults to NULL
chart_color_scale_diverging_domain_max	Max. Flourish type hint: number, defaults to NULL
selected_slopes	Highlight slopes. To highlight slopes, write the name of each slope on a line. You can also create a story and highlight/unhighlight by clicking on a slope. Leave empty to highlight all slopes. Flourish type hint: text, defaults to NULL
value_type	Value mode. Choices: ranks, scores, change. Flourish type hint: string, defaults to NULL
ties_mode	Ties mode. Choices: dense, competition, fractional, modified_competition. What rank should be given when there are ties? See https://en.wikipedia.org/wiki/Ranking for explanation of nomenclature. Flourish type hint: string, defaults to NULL
sort_mode	Sort mode. Choices: descending, ascending. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: auto, aspect_ratio. Flourish type hint: string, defaults to NULL
aspect_ratio	Aspect ratio. 1 for square, a smaller value means a bigger height. Flourish type hint: number, defaults to NULL
chart_facet_columns_fixed	Grid mode. Choices: FALSE, TRUE. In Auto mode, the number of columns will change with screen size. Flourish type hint: boolean, defaults to NULL
chart_facet_columns	Columns. The number of columns in the grid. (If specifying custom positions, extra columns may be added automatically.). Flourish type hint: number, defaults to NULL
chart_facet_min_width	Min chart width. The minimum width of a chart or cell in the grid. Determines the number of columns. Flourish type hint: number, defaults to NULL
chart_facet_min_width_fixed	Min chart width. Specify the minimum width of a chart or cell in the grid, below which the Fixed grid will be ignored and it will fall back to responsive Auto mode. Flourish type hint: number, defaults to NULL

- `chart_facet_custom_grid`
Add custom positions. Specify positions for individual charts in the grid useful for making a map layout. Flourish type hint: boolean, defaults to NULL
- `chart_facet_custom_positions`
Custom positions. Enter the name of a facet, one per line, using the format: Facet name: row, column where row and column are numbers indicating the grid position where a facet should be positioned. For example, Alaska : 1, 1
Maine : 1, 11 Wisconsin : 2, 6 Flourish type hint: text, defaults to NULL
- `chart_facet_max_width`
Max chart width. The maximum width of a chart or cell in the grid. Flourish type hint: number, defaults to NULL
- `chart_facet_gutter_w`
Horizontal margin. Flourish type hint: number, defaults to NULL
- `chart_facet_gutter_h`
Vertical margin. Flourish type hint: number, defaults to NULL
- `chart_facet_animation`
On data change. Choices: auto, name, reuse. If a chart in the grid is removed, that cell can either be animated out (with another cell moving to take its place) or reused for the new data in that cell. Auto decides for you based on the data. Flourish type hint: string, defaults to NULL
- `chart_facet_titles`
Show titles. Flourish type hint: boolean, defaults to NULL
- `chart_facet_title_align`
Alignment. Choices: auto, left, center, right. Flourish type hint: string, defaults to NULL
- `chart_facet_title_size`
Size. Relative to the width of the chart. Flourish type hint: number, defaults to NULL
- `chart_facet_title_unit`
Scale with chart. Choices: rem, facet. Flourish type hint: string, defaults to NULL
- `chart_facet_title_color`
Color. Flourish type hint: color, defaults to NULL
- `chart_facet_title_padding_top`
Space above. Flourish type hint: number, defaults to NULL
- `chart_facet_title_padding_bottom`
Space below. Flourish type hint: number, defaults to NULL
- `chart_facet_title_bg`
Background. Choices: none, full, text. Flourish type hint: string, defaults to NULL
- `chart_facet_title_bg_color`
Background color. Flourish type hint: color, defaults to NULL
- `chart_facet_title_bg_padding`
Background padding. Horizontal space between text and background. Flourish type hint: number, defaults to NULL

`axis_first_row_only`
 Show X axis on first row only. Flourish type hint: boolean, defaults to NULL

`matching_y_axis`
 Matching Y scale across facets. Flourish type hint: boolean, defaults to NULL

`labels_name_position`
 Slope name mode. Choices: side, inline, none. Flourish type hint: string, defaults to NULL

`labels_position`
 Slope name position. Choices: start, both, end. Both mode will fallback to Start on narrow windows and devices. Flourish type hint: string, defaults to NULL

`labels_inline_position`
 Slope name position. Choices: start, middle, end. Flourish type hint: string, defaults to NULL

`labels_inline_position_custom`
 Custom slope name positions. Change the position of each individual label. One line per label. Syntax Label name :: start/middle/end :: offset in % (optional)
 Example Luxembourg :: end :: 10 France :: start. Flourish type hint: text, defaults to NULL

`only_show_highlights`
 Only show highlighted labels. Flourish type hint: boolean, defaults to NULL

`chart_line_labels_max_width`
 Max label width. The maximum allowed label width. Flourish type hint: number, defaults to NULL

`chart_line_labels_overlap_mode`
 Overlaps. Choices: spread, hide, none. What to do with overlaps. Flourish type hint: string, defaults to NULL

`chart_line_labels_spreading_margin`
 Space between labels. The space left between labels when spreading them out to avoid overlaps. Flourish type hint: number, defaults to NULL

`chart_line_labels_data_point_margin`
 Distance. The space between the data point and the label in rems (a multiple of base font size). Flourish type hint: number, defaults to NULL

`chart_line_labels_show_only_labels`
 Show only certain labels. Manually specify which labels you'd like to display (one entry per line). Flourish type hint: text, defaults to NULL

`chart_line_labels_text_color`
 Color. Flourish type hint: color, defaults to NULL

`chart_line_labels_text_size`
 Size. Flourish type hint: number, defaults to NULL

`chart_line_labels_text_bg_color`
 Outline. Flourish type hint: color, defaults to NULL

`chart_line_labels_text_bg_size`
 Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL

`chart_line_labels_text_line_height`
 Line height. Flourish type hint: number, defaults to NULL

- `chart_line_labels_text_max_lines`
Max lines. The max number of lines for each label. Flourish type hint: number, defaults to NULL
- `chart_line_labels_text_weight`
Weight. Choices: 400, 700. Flourish type hint: string, defaults to NULL
- `chart_line_labels_lines`
Connector lines. Choices: auto, on, off. Flourish type hint: string, defaults to NULL
- `chart_line_labels_line_style`
Line style. Choices: straight, step. Flourish type hint: string, defaults to NULL
- `chart_line_labels_line_color`
Color. Flourish type hint: color, defaults to NULL
- `chart_line_labels_line_width`
Width. In rems (a multiple of base font size). Flourish type hint: number, defaults to NULL
- `chart_line_labels_line_range`
Length. The width of the space given over to lines; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL
- `chart_line_labels_line_padding`
Padding. The padding to the left and right of the line; in rems, a multiple of base font size. Flourish type hint: number, defaults to NULL
- `chart_popup_mode`
Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL
- `chart_popup_popup_is_custom`
Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
- `chart_popup_show_popup_styles`
Show popup styles. Flourish type hint: boolean, defaults to NULL
- `chart_popup_popup_custom_header`
Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
- `chart_popup_popup_custom_main`
Popup custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
- `chart_popup_popup_custom_accessible`
Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label

attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}`, Population: `{{Population}}`, GDP: `{{GDP}}`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

`chart_popup_popup_width`
Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

`chart_popup_popup_font_size`
Text size. Flourish type hint: number, defaults to NULL

`chart_popup_popup_text_color`
Text color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_align`
Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_popup_popup_background`
Fill color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_background_opacity`
Fill opacity. Flourish type hint: number, defaults to NULL

`chart_popup_popup_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_popup_popup_radius`
Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

`chart_popup_popup_header_type`
Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

`chart_popup_popup_header_background`
Background. Flourish type hint: color, defaults to NULL

`chart_popup_popup_header_text_color`
Text. Flourish type hint: color, defaults to NULL

`chart_popup_popup_list_type`
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

`chart_popup_popup_list_label_weight`
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

`chart_popup_popup_list_separator`
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

`chart_popup_popup_shadow`
Shadow. Flourish type hint: boolean, defaults to NULL

`chart_popup_popup_pointer`
Pointer. Flourish type hint: boolean, defaults to NULL

`chart_popup_panel_position`
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

`chart_popup_panel_open_duration`
Open duration. Flourish type hint: number, defaults to NULL

`chart_popup_panel_side_fixed`
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content	Placeholder content. Flourish type hint: text, defaults to NULL
chart_popup_panel_is_custom	Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_popup_show_panel_styles	Show panel styles. Flourish type hint: boolean, defaults to NULL
chart_popup_panel_custom_header	Panel custom header. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using <code>{{#if column_name}}Content for non-empty column</code> . For example: <code>{{#if Capital name}}Capital:{{/if}} {{Capital name}}</code> . Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
chart_popup_panel_custom_main	Panel custom main content. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using <code>{{#if column_name}}Content for non-empty column_name{{/if}}</code> . For example: <code>{{#if Capital name}}Capital:{{/if}} {{Capital name}}</code> . Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
chart_popup_panel_width_overlay	Width (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_height_overlay	Height (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_width_side	Width (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_height_side	Height (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_max_width	Max width (px). Flourish type hint: number, defaults to NULL
chart_popup_panel_max_height	Max height (px). Flourish type hint: number, defaults to NULL
chart_popup_panel_vertical_position	Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL
chart_popup_panel_text_color	Text color. Flourish type hint: color, defaults to NULL
chart_popup_panel_font_size	Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
 Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
 Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
 Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
 Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
 Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
 List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
 Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
 List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
 Shadow. Flourish type hint: boolean, defaults to NULL

axis_labels_position
 Position. Choices: top, bottom, hidden. Flourish type hint: string, defaults to NULL

axis_font_size
 Font size. Flourish type hint: number, defaults to NULL

axis_text_color
 Font color. Flourish type hint: color, defaults to NULL

axis_color
 Axis color. Flourish type hint: color, defaults to NULL

axis_width
 Axis width. Flourish type hint: number, defaults to NULL

axis_dashoffset
 Axis dash. eg. 2,2. Flourish type hint: string, defaults to NULL

update_y_axis_filter
 Update Y axis when filtering. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_type
 Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
 Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
 Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
 Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
 Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

filter_show_all
Include "All". Flourish type hint: boolean, defaults to NULL

filter_show_all_text
"All" label. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
 Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
 Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
 Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
 Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
 Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
 Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
 Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
 Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
 Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
 Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
 Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
 Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
 Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
 Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
 Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
 Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
 Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
 Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
 Play button. Flourish type hint: boolean, defaults to NULL

animation_duration
 Animation duration. The duration of the animation (in milliseconds) when changing data or mode for example between slides in a story. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
Position. Choices: above, below. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

`chart_layout_border_right_width`
Right. Flourish type hint: number, defaults to NULL

`chart_layout_border_right_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_border_right_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_border_bottom_width`
Bottom. Flourish type hint: number, defaults to NULL

`chart_layout_border_bottom_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_border_bottom_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_border_left_width`
Left. Flourish type hint: number, defaults to NULL

`chart_layout_border_left_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_border_left_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_read_direction`
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

`chart_layout_font_size_mobile_small`
Flourish type hint: number, defaults to NULL

`chart_layout_font_size_mobile_big`
Flourish type hint: number, defaults to NULL

`chart_layout_font_size_tablet`
Flourish type hint: number, defaults to NULL

`chart_layout_font_size_desktop`
Flourish type hint: number, defaults to NULL

`chart_layout_font_size_big_screen`
Flourish type hint: number, defaults to NULL

`chart_layout_breakpoint_mobile_small`
Flourish type hint: number, defaults to NULL

`chart_layout_breakpoint_mobile_big`
Flourish type hint: number, defaults to NULL

`chart_layout_breakpoint_tablet`
Flourish type hint: number, defaults to NULL

`chart_layout_breakpoint_desktop`
Flourish type hint: number, defaults to NULL

`chart_layout_breakpoint_big_screen`
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_subtitle_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_text`
Flourish type hint: html, defaults to NULL

`chart_layout_header_text_styling`
Styling. Flourish type hint: boolean, defaults to NULL

`chart_layout_header_text_size`
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_size_custom`
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

`chart_layout_header_text_weight`
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_header_text_line_height`
Line height. Flourish type hint: number, defaults to NULL

`chart_layout_header_text_space_above`
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

`chart_layout_header_text_space_above_custom`
Custom. Flourish type hint: number, defaults to NULL

`chart_layout_header_border`
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_header_border_width`
Width. Flourish type hint: number, defaults to NULL

`chart_layout_header_border_color`
Color. Flourish type hint: color, defaults to NULL

`chart_layout_header_border_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_header_border_space`
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

`chart_layout_header_logo_enabled`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_header_logo_src`
Image. Flourish type hint: url, defaults to NULL

`chart_layout_header_logo_alt`
Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_link_url`
Link. Flourish type hint: string, defaults to NULL

`chart_layout_header_logo_height`
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

`chart_layout_footer_note`
 Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: `html`, defaults to `NULL`

`chart_layout_footer_note_secondary`
 Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: `html`, defaults to `NULL`

`chart_layout_advanced_note_styling`
 Advanced. Flourish type hint: `boolean`, defaults to `NULL`

`chart_layout_footer_timestamp_format`
 Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_enabled`
 Image. Choices: `TRUE, FALSE`. Flourish type hint: `boolean`, defaults to `NULL`

`chart_layout_footer_logo_src`
 Image. Flourish type hint: `url`, defaults to `NULL`

`chart_layout_footer_logo_src_light`
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: `hidden`, defaults to `NULL`

`chart_layout_footer_logo_alt`
 Alt text. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_link_url`
 Link. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_logo_height`
 Height. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_logo_margin`
 Margin. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_logo_order`
 Position. Choices: `left, right`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_align_vertical`
 V. align. Choices: `flex-start, center, flex-end`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_border`
 Choices: `top, bottom, top_and_bottom, none`. Flourish type hint: `string`, defaults to `NULL`

`chart_layout_footer_border_width`
 Width. Flourish type hint: `number`, defaults to `NULL`

`chart_layout_footer_border_color`
 Color. Flourish type hint: `color`, defaults to `NULL`

chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL
chart_url_settings_enabled	Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL
chart_url_settings_whitelist	Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "slope", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_slope_chart_data(gapminder) |>
  set_slope_chart_details()
)
```

set_sports_details	<i>Set sports chart details</i>
--------------------	---------------------------------

Description

Set sports chart details

Usage

```
set_sports_details(  
  .,  
  positions_type = NULL,  
  positions_scale_custom = NULL,  
  positions_x_min = NULL,  
  positions_x_max = NULL,  
  positions_y_min = NULL,  
  positions_y_max = NULL,  
  formation_type = NULL,  
  formation = NULL,  
  formation_custom = NULL,  
  pitch_margin_top = NULL,  
  pitch_margin_bottom = NULL,  
  pitch_type = NULL,  
  pitch_type_custom = NULL,  
  pitch_type_upload = NULL,  
  pitch_type_svg = NULL,  
  pitch_line_color = NULL,  
  pitch_line_opacity = NULL,  
  pitch_line_width = NULL,  
  pitch_height = NULL,  
  pitch_background = NULL,  
  pitch_opacity = NULL,  
  pitch_orientation = NULL,  
  pitch_crop = NULL,  
  pitch_crop_custom = NULL,  
  pitch_flip_dots = NULL,  
  pitch_flip_pitch = NULL,  
  colors_categorical_palette = NULL,  
  colors_categorical_extend = NULL,  
  colors_categorical_custom_palette = NULL,  
  colors_numeric_type = NULL,  
  colors_binning = NULL,  
  colors_bin_mode = NULL,  
  colors_bin_count = NULL,  
  colors_bin_thresholds = NULL,  
  colors_sequential_palette = NULL,  
  colors_sequential_reverse = NULL,  
  colors_sequential_custom_min = NULL,  
  colors_sequential_custom_max = NULL,  
  colors_sequential_color_space = NULL,  
  colors_sequential_custom_domain = NULL,  
  colors_sequential_domain_min = NULL,  
  colors_sequential_domain_max = NULL,  
  colors_diverging_palette = NULL,  
  colors_diverging_reverse = NULL,  
  colors_diverging_custom_min = NULL,  
  .  
)
```

```
colors_diverging_custom_mid = NULL,
colors_diverging_custom_max = NULL,
colors_diverging_color_space = NULL,
colors_diverging_custom_domain = NULL,
colors_diverging_domain_min = NULL,
colors_diverging_domain_mid = NULL,
colors_diverging_domain_max = NULL,
dot_opacity = NULL,
dot_size = NULL,
dot_size_custom = NULL,
dot_border = NULL,
dot_border_custom = NULL,
dot_border_color = NULL,
label_mode = NULL,
label_color = NULL,
label_weight = NULL,
label_size = NULL,
label_size_custom = NULL,
show_squad_numbers = NULL,
squad_number_size = NULL,
squad_number_size_custom = NULL,
squad_number_weight = NULL,
squad_number_color = NULL,
squad_number_vertical_adjust = NULL,
image_contrast = NULL,
image_brightness = NULL,
image_saturation = NULL,
image_blend_mode = NULL,
animation_target = NULL,
animation_duration = NULL,
trail = NULL,
trail_color = NULL,
trail_opacity = NULL,
trail_size = NULL,
trail_size_custom = NULL,
trail_style = NULL,
chart_categorical_legend_show_legend = NULL,
chart_categorical_legend_title_mode = NULL,
chart_categorical_legend_title = NULL,
chart_categorical_legend_swatch_width = NULL,
chart_categorical_legend_swatch_height = NULL,
chart_categorical_legend_swatch_radius = NULL,
chart_categorical_legend_legend_items_padding = NULL,
chart_categorical_legend_swatch_outline = NULL,
chart_categorical_legend_swatch_outline_color = NULL,
chart_categorical_legend_order_override = NULL,
chart_categorical_legend_icon_height = NULL,
chart_categorical_legend_icon_color = NULL,
```

```
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,
```

```
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
chart_filter_controls_container_alignment = NULL,  
chart_filter_controls_container_controls_spacing = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,
```

```
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
filter_include_all = NULL,  
filter_all_label = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,
```



```
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,
```

```

chart_layout_footer_align = NULL,
chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

- . The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
- positions_type Position points by. Choices: auto, formation, data. Position points automatically based on your data, on a specific formation, or use X and Y coordinates. Flourish type hint: string, defaults to NULL
- positions_scale_custom Position scale. Choices: auto, custom. "Auto" will set the position scale based on the minimum and maximum values in your data. "Custom" allows you to set a custom minimum and maximum. Flourish type hint: string, defaults to NULL

positions_x_min	X min. Flourish type hint: number, defaults to NULL
positions_x_max	X max. Flourish type hint: number, defaults to NULL
positions_y_min	Y min. Flourish type hint: number, defaults to NULL
positions_y_max	Y max. Flourish type hint: number, defaults to NULL
formation_type	Formation type. Choices: preset, custom. Flourish type hint: string, defaults to NULL
formation	Formation. Choices: 3-5-2, 4-3-3, 4-3-2-1, 4-4-2, 3-4-3, 4-2-3-1. Flourish type hint: string, defaults to NULL
formation_custom	Custom formation. Use a "*" for every player and a "-" for every space on the pitch. Flourish type hint: code, defaults to NULL
pitch_margin_top	Top. Increases the gap between the top of the pitch and the first dot. Flourish type hint: number, defaults to NULL
pitch_margin_bottom	Bottom. Increases the gap between the bottom of the pitch and the last dot. Flourish type hint: number, defaults to NULL
pitch_type	Sport. Choices: football, basketball, tennis, custom. Flourish type hint: string, defaults to NULL
pitch_type_custom	Choices: upload, svg. Flourish type hint: string, defaults to NULL
pitch_type_upload	Upload. Flourish type hint: url, defaults to NULL
pitch_type_svg	SVG. Flourish type hint: text, defaults to NULL
pitch_line_color	Color. Flourish type hint: color, defaults to NULL
pitch_line_opacity	Opacity. Opacity of the pitch marking lines. Flourish type hint: number, defaults to NULL
pitch_line_width	Line width. Line width of the pitch markings in pixels. Flourish type hint: number, defaults to NULL
pitch_height	Pitch height. As a percentage of the width. Flourish type hint: number, defaults to NULL
pitch_background	Background color. Background color of the pitch. To change the color of the background outside of the pitch, instead select Background color in the layout section. Flourish type hint: color, defaults to NULL
pitch_opacity	Background opacity. Opacity of the pitch background. Flourish type hint: number, defaults to NULL

pitch_orientation	Orientation. Choices: vertical, horizontal. Flourish type hint: string, defaults to NULL
pitch_crop	Crop pitch. Choices: 1, custom. Show the full pitch, or only show a portion. Flourish type hint: string, defaults to NULL
pitch_crop_custom	Custom. Flourish type hint: number, defaults to NULL
pitch_flip_dots	Flip dots. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
pitch_flip_pitch	Flip pitch. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
colors_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL
colors_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
colors_categorical_custom_palette	Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL
colors_numeric_type	Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
colors_binning	Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL
colors_bin_mode	Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL
colors_bin_count	Number of bins. Flourish type hint: number, defaults to NULL
colors_bin_thresholds	Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL
colors_sequential_palette	Palette. Flourish type hint: string, defaults to NULL
colors_sequential_reverse	Reverse. Flourish type hint: boolean, defaults to NULL

colors_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

colors_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

colors_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

colors_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

colors_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

colors_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

colors_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

colors_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

colors_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

colors_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

colors_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

colors_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

colors_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

colors_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

colors_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

colors_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

dot_opacity
Opacity. Opacity of the dots. Flourish type hint: number, defaults to NULL

dot_size
Size. Choices: 1.3, 2.5, 6, custom. Flourish type hint: string, defaults to NULL

dot_size_custom
Custom. Flourish type hint: number, defaults to NULL

dot_border
Border size. Choices: 0, 0.2, 0.5, custom. Flourish type hint: string, defaults to NULL

dot_border_custom
Custom. Flourish type hint: number, defaults to NULL

dot_border_color
Color. Outline color of the dots. Flourish type hint: color, defaults to NULL

label_mode	Labels. Choices: TRUE, FALSE. Labels will always be hidden if there are more than 200 data points. Flourish type hint: boolean, defaults to NULL
label_color	Color. Label color. Defaults to layout font color settings if not set. Flourish type hint: color, defaults to NULL
label_weight	Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
label_size	Size. Choices: 0.8, 1, 1.2, custom. Sizing unit is relative to root font size. Flourish type hint: string, defaults to NULL
label_size_custom	Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL
show_squad_numbers	Show Squad Numbers. Optional squad number to appear within dot. Flourish type hint: boolean, defaults to NULL
squad_number_size	Size Mode. Choices: 1.1, 1.4, 1.7, custom. Resizes the font size as a proportion of the dots radius. Flourish type hint: string, defaults to NULL
squad_number_size_custom	Custom. Specify a custom responsive font size. Best results are between 0.8 and 2. Flourish type hint: number, defaults to NULL
squad_number_weight	Weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
squad_number_color	Color. Flourish type hint: color, defaults to NULL
squad_number_vertical_adjust	Adjust vertical spacing. Adjust vertical centering for custom fonts. Flourish type hint: number, defaults to NULL
image_contrast	Contrast. Flourish type hint: number, defaults to NULL
image_brightness	Brightness. Flourish type hint: number, defaults to NULL
image_saturation	Saturation. Flourish type hint: number, defaults to NULL
image_blend_mode	Blend mode. Choices: normal, multiply, screen, overlay, darken, lighten. Flourish type hint: string, defaults to NULL
animation_target	Animate. Choices: position, opacity, both. Choose whether you want to animate the animate the positions or fade, for example when changing the filter, or drag players positions in the story editor. Flourish type hint: string, defaults to NULL
animation_duration	Duration. Specified in seconds. Flourish type hint: number, defaults to NULL
trail	Trail lines. Choices: FALSE, TRUE. Show trail lines when a point is dragged to a new position. Only visible in the story editor. Flourish type hint: boolean, defaults to NULL
trail_color	Color. Flourish type hint: color, defaults to NULL

trail_opacity Opacity. Flourish type hint: number, defaults to NULL

trail_size Size. Choices: 0.2, 0.5, custom. Flourish type hint: string, defaults to NULL

trail_size_custom Custom. Proportional to the smallest point size. Flourish type hint: number, defaults to NULL

trail_style Style. Choices: solid, dotted. Flourish type hint: string, defaults to NULL

chart_categorical_legend_show_legend Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_alignment Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

chart_popup_mode
Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom
Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles
Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header
Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_main
Popup custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_popup_custom_accessible
Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}, GDP`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

chart_popup_popup_width
Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

chart_popup_popup_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header

Panel custom header. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main

Panel custom main content. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay

Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay

Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side

Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side

Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width

Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height

Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position

Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element you've clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color

Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size

Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align

Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background

Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity

Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding

Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_filter_controls_container_controls_spacing
Spacing. The space between controls, like dropdowns and adjacent button sets, in em units. Flourish type hint: number, defaults to NULL

chart_filter_controls_control_type
Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL

chart_filter_controls_control_styles
Adv. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_control_title
Control title. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group
Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_button_group_width_mode
Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_button_group_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

filter_include_all
Include "all". Include "All" in the filter dropdown. Flourish type hint: boolean, defaults to NULL

filter_all_label
All label. Flourish type hint: string, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
 Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
 Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
 Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
 Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
 Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
 Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
 Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
 Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
 Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
 Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
 Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
 Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
 Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
 Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
 Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
 Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
 Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
 Time/date stamp formatting. Choices: %H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
 Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
 Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
 Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
 Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
 Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
 Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sports", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sports_data(gapminder) |>
  set_sports_details()
)
```

set_sports_race_details

Set sports race chart details

Description

Set sports race chart details

Usage

```
set_sports_race_details(
  .,
  preset_svg = NULL,
  custom_svg = NULL,
  track_path_id = NULL,
  track_lane_width = NULL,
  track_back_and_forth = NULL,
  participant_icon_mode = NULL,
  participant_size = NULL,
  participant_stroke_width = NULL,
  participant_stroke_opacity = NULL,
  participant_fill_opacity = NULL,
  preset_participant_image = NULL,
  custom_participant_start_image = NULL,
  custom_participant_race_image = NULL,
  custom_participant_finish_image = NULL,
  image_initial_rotation = NULL,
  image_initial_flip_x = NULL,
  image_initial_flip_y = NULL,
  image_transform_mode = NULL,
```

```
participant_icon_recolor = NULL,  
chart_participant_color_scale_categorical_palette = NULL,  
chart_participant_color_scale_categorical_extend = NULL,  
chart_participant_color_scale_categorical_custom_palette = NULL,  
chart_participant_color_scale_numeric_type = NULL,  
chart_participant_color_scale_binning = NULL,  
chart_participant_color_scale_bin_mode = NULL,  
chart_participant_color_scale_bin_count = NULL,  
chart_participant_color_scale_bin_thresholds = NULL,  
chart_participant_color_scale_sequential_palette = NULL,  
chart_participant_color_scale_sequential_reverse = NULL,  
chart_participant_color_scale_sequential_custom_min = NULL,  
chart_participant_color_scale_sequential_custom_max = NULL,  
chart_participant_color_scale_sequential_color_space = NULL,  
chart_participant_color_scale_sequential_custom_domain = NULL,  
chart_participant_color_scale_sequential_domain_min = NULL,  
chart_participant_color_scale_sequential_domain_max = NULL,  
chart_participant_color_scale_diverging_palette = NULL,  
chart_participant_color_scale_diverging_reverse = NULL,  
chart_participant_color_scale_diverging_custom_min = NULL,  
chart_participant_color_scale_diverging_custom_mid = NULL,  
chart_participant_color_scale_diverging_custom_max = NULL,  
chart_participant_color_scale_diverging_color_space = NULL,  
chart_participant_color_scale_diverging_custom_domain = NULL,  
chart_participant_color_scale_diverging_domain_min = NULL,  
chart_participant_color_scale_diverging_domain_mid = NULL,  
chart_participant_color_scale_diverging_domain_max = NULL,  
camera_mode = NULL,  
zoom = NULL,  
checkpoint_mode = NULL,  
checkpoints = NULL,  
times_cumulative = NULL,  
participant_label_mode = NULL,  
participant_label_custom = NULL,  
participant_label_position = NULL,  
participant_label_style = NULL,  
participant_label_color = NULL,  
participant_label_size = NULL,  
participant_label_stroke = NULL,  
participant_label_stroke_size = NULL,  
participant_label_weight = NULL,  
participant_highlight = NULL,  
participant_highlight_color = NULL,  
participant_highlight_width = NULL,  
label_position_enabled = NULL,  
label_position_time = NULL,  
label_position_type = NULL,  
label_medal_enabled = NULL,
```

```
label_medal_time = NULL,  
label_medal_type = NULL,  
label_medal_replace_position = NULL,  
label_finishing_time_enabled = NULL,  
label_finishing_time_time = NULL,  
participant_stacking = NULL,  
chart_timeline_controls_enabled = NULL,  
chart_timeline_controls_style = NULL,  
chart_timeline_controls_graph = NULL,  
chart_timeline_controls_play_on_load = NULL,  
chart_timeline_controls_loop = NULL,  
chart_timeline_controls_duration = NULL,  
chart_timeline_controls_duration_tween = NULL,  
chart_timeline_controls_duration_wait_at_end = NULL,  
chart_timeline_controls_axes_custom_enabled = NULL,  
chart_timeline_controls_color_axes = NULL,  
chart_timeline_controls_axis_font_size = NULL,  
chart_timeline_controls_date_format_display = NULL,  
chart_timeline_controls_axis_nice_x = NULL,  
chart_timeline_controls_axis_nice_y = NULL,  
chart_timeline_controls_scrubber_snap = NULL,  
chart_timeline_controls_scrubber_snap_paused = NULL,  
chart_timeline_controls_layout_settings = NULL,  
chart_timeline_controls_margin_top = NULL,  
chart_timeline_controls_margin_left = NULL,  
chart_timeline_controls_margin_bottom = NULL,  
chart_timeline_controls_margin_right = NULL,  
chart_timeline_controls_playback_button_margin_right = NULL,  
chart_timeline_controls_scrubber_height = NULL,  
chart_timeline_controls_playback_button_margin_right_button = NULL,  
chart_timeline_controls_graph_settings = NULL,  
chart_timeline_controls_color_background = NULL,  
chart_timeline_controls_graph_height = NULL,  
chart_timeline_controls_curve = NULL,  
chart_timeline_controls_playback_styling = NULL,  
chart_timeline_controls_playback_button_button_color = NULL,  
chart_timeline_controls_playback_button_button_size = NULL,  
chart_timeline_controls_playback_button_icon_color = NULL,  
chart_timeline_controls_playback_button_icon_size = NULL,  
chart_timeline_controls_playback_button_label_size = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,
```

```
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,
```

```
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,
```



```

chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
preset_svg	Choices: athletics, swimming, cycling, custom. Flourish type hint: string, defaults to NULL
custom_svg	Custom SVG. Use a custom track using your own SVG Flourish type hint: text, defaults to NULL
track_path_id	Path ID. The ID of the element in the SVG which defines the center of the track. Flourish type hint: string, defaults to NULL
track_lane_width	Lane width. The distance between each participant. Flourish type hint: number, defaults to NULL
track_back_and_forth	Track type. Choices: FALSE, TRUE. Whether the track goes back and forth, like a swimming pool, or back to the start, like a race track. Flourish type hint: boolean, defaults to NULL
participant_icon_mode	Icon type. Choices: circle, image. Flourish type hint: string, defaults to NULL
participant_size	Size. Flourish type hint: number, defaults to NULL
participant_stroke_width	Line width. Flourish type hint: number, defaults to NULL
participant_stroke_opacity	Stroke opacity. Flourish type hint: number, defaults to NULL

`participant_fill_opacity`
Fill opacity. Flourish type hint: number, defaults to NULL

`preset_participant_image`
Default images. Choices: runner, swimmer, cyclist, custom. The images used if no image is included for the participant in the datasheet. Flourish type hint: string, defaults to NULL

`custom_participant_start_image`
Custom start image. The image shown at the start of the race. Flourish type hint: url, defaults to NULL

`custom_participant_race_image`
Custom racing image. The image shown while the participant is racing. Flourish type hint: url, defaults to NULL

`custom_participant_finish_image`
Custom finish image. The image shown when the participant has finished the race. Flourish type hint: url, defaults to NULL

`image_initial_rotation`
Rotate images. Choices: 0, 90, 180, 270. Flourish type hint: string, defaults to NULL

`image_initial_flip_x`
Flip horizontally. Flourish type hint: boolean, defaults to NULL

`image_initial_flip_y`
Flip vertically. Flourish type hint: boolean, defaults to NULL

`image_transform_mode`
Direction change. Choices: rotate, flip_x, flip_y, flip_both, static. Change the direction of the image based on which way the participant is traveling. Rotate rotates the image to face the direction of travel. Flip horizontally flips the image horizontally depending on whether the participant is traveling towards the left or right. Flip vertically flips the image vertically depending on whether the participant is traveling towards the top or bottom. Flip horizontally and vertically combines the horizontal and vertical flip settings. Static doesnt change the direction of the image. Flourish type hint: string, defaults to NULL

`participant_icon_recolor`
Recolor icons. Apply colors to differentiate the participants. Works best with greyscale images. Flourish type hint: boolean, defaults to NULL

`chart_participant_color_scale_categorical_palette`
Palette. Flourish type hint: colors, defaults to NULL

`chart_participant_color_scale_categorical_extend`
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

`chart_participant_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_participant_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_participant_color_scale_diverging_color_space
 Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_participant_color_scale_diverging_custom_domain
 Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_participant_color_scale_diverging_domain_min
 Min. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_diverging_domain_mid
 Mid. Flourish type hint: number, defaults to NULL

chart_participant_color_scale_diverging_domain_max
 Max. Flourish type hint: number, defaults to NULL

camera_mode
 Camera mode. Choices: track, leader. Flourish type hint: string, defaults to NULL

zoom
 Zoom level. How much to zoom in when playing. Flourish type hint: number, defaults to NULL

checkpoint_mode
 Checkpoint mode. Choices: laps, splits, custom. Flourish type hint: string, defaults to NULL

checkpoints
 Checkpoints. Enter the number of laps completed at each recorded checkpoint/column in the data. E.g. "0.5, 1, 1.5, 2" would mean that the times were taken every half a lap. Enter one checkpoint per line. Flourish type hint: text, defaults to NULL

times_cumulative
 Times are cumulative. Switch on if the time columns represent the cumulative time taken at each checkpoint (e.g. 12, 25, 36). Switch off if the times represent how long individual checkpoints took to complete (e.g. 12, 13, 11). Flourish type hint: boolean, defaults to NULL

participant_label_mode
 Label mode. Choices: auto, leader, all, custom. Determines which labels are drawn. Auto draws as many labels as possible whilst avoiding overlaps. Flourish type hint: string, defaults to NULL

participant_label_custom
 Participants to label. Enter the names of the participants to label. These must exactly match the names in your data. Enter one name per line. Flourish type hint: text, defaults to NULL

participant_label_position
 Label position. Choices: auto, left, right. Flourish type hint: string, defaults to NULL

participant_label_style
 Style. Flourish type hint: boolean, defaults to NULL

participant_label_color
 Color. Flourish type hint: color, defaults to NULL

participant_label_size
 Size. Flourish type hint: number, defaults to NULL

participant_label_stroke
 Outline. Flourish type hint: color, defaults to NULL

participant_label_stroke_size
Outline width. As a % of the font size. Flourish type hint: number, defaults to NULL

participant_label_weight
Weight. Choices: 400, 600. Flourish type hint: string, defaults to NULL

participant_highlight
Highlight icons. Highlight the labeled participant(s). Flourish type hint: boolean, defaults to NULL

participant_highlight_color
Highlight color. Flourish type hint: color, defaults to NULL

participant_highlight_width
Highlight width. Flourish type hint: number, defaults to NULL

label_position_enabled
Choices: FALSE, TRUE. Whether to show the position of the participant in the label. Flourish type hint: boolean, defaults to NULL

label_position_time
Show position. Choices: always, race, finish. Set to At finish, to only show a participants position when theyve completed the race. Set to During race, to only show a participants position while they are still racing. Flourish type hint: string, defaults to NULL

label_position_type
Position to show. Choices: current, finish. Whether to show a participants current position in the race, or their finishing position. Flourish type hint: string, defaults to NULL

label_medal_enabled
Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

label_medal_time
Show medals. Choices: always, race, finish. Set to At finish, to only show a participants medal when theyve completed the race. Set to During race, to only show a participants medal while they are still racing. Flourish type hint: string, defaults to NULL

label_medal_type
Medal to show. Choices: current, finish. Whether to show the medal position for a participant at the current point in the race, or the medal they win at the end of the race. Flourish type hint: string, defaults to NULL

label_medal_replace_position
Replace position. Turn on to replace a participants position label with their medal if they are in a medal position. Flourish type hint: boolean, defaults to NULL

label_finishing_time_enabled
Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

label_finishing_time_time
Show finishing time. Choices: always, finish. Flourish type hint: string, defaults to NULL

participant_stacking
Choices: sheet_order, rank, y_position. Determines which participants obscure other participants when they overlap. Flourish type hint: string, defaults to NULL

chart_timeline_controls_enabled
 Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_style
 Style. Choices: timeline, button. Flourish type hint: string, defaults to NULL

chart_timeline_controls_graph
 Show chart. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_play_on_load
 Play on load. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_loop
 Loop timeline. When turned on, the timeline will return to the beginning once complete. Otherwise, it will stop when it reaches the end. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_duration
 Timeline duration. Total duration of the timeline during normal playback in seconds. Flourish type hint: number, defaults to NULL

chart_timeline_controls_duration_tween
 Time jump duration. Duration of transitions between different points in time on the timeline. This is the transition you see in the story player when switching between slides with a different time on the timeline (in seconds). Flourish type hint: number, defaults to NULL

chart_timeline_controls_duration_wait_at_end
 Pause before loop. Flourish type hint: number, defaults to NULL

chart_timeline_controls_axes_custom_enabled
 Axis settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_color_axes
 Axes color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_axis_font_size
 Font size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_date_format_display
 X axis date format. Choices: %, %Y-%m-%dT%H:%M:%S.%LZ, %Y-%m-%d, %m/%d/%Y, %d/%m/%Y, %d-%b-%y, %m/%Y, %b %Y, %b %y, %B %d, %d %b, %Y, %B, %b, %A, %a, %H:%M:%S, %I:%M %p, %H:%M. Flourish type hint: string, defaults to NULL

chart_timeline_controls_axis_nice_x
 Clean X axis. Rounds out the X axis so that its start and end values are nice, round dates. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_axis_nice_y
 Clean Y axis. Rounds out the Y axis so that its start and end values are nice, round numbers. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_scrubber_snap
 Snap when scrubbing. When turned on, you can only jump to values that are supplied in the dataset and nothing in between. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_scrubber_snap_paused
 Snap when paused. Activate to snap the timeline to the closest interval when non animating. This is useful for ensuring the data visible in the visualization

always reflects the data you have supplied. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_layout_settings
Layout settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_timeline_controls_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_margin_right
Space between button and timeline. Flourish type hint: number, defaults to NULL

chart_timeline_controls_scrubber_height
Scrubber height. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_margin_right_button
Space between button and text. Flourish type hint: number, defaults to NULL

chart_timeline_controls_graph_settings
Chart settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_color_background
Background. Flourish type hint: color, defaults to NULL

chart_timeline_controls_graph_height
Height. Flourish type hint: number, defaults to NULL

chart_timeline_controls_curve
Curved lines. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_playback_styling
Play button settings. Flourish type hint: boolean, defaults to NULL

chart_timeline_controls_playback_button_button_color
Button color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_playback_button_button_size
Button size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_icon_color
Icon color. Flourish type hint: color, defaults to NULL

chart_timeline_controls_playback_button_icon_size
Icon size. Flourish type hint: number, defaults to NULL

chart_timeline_controls_playback_button_label_size
Label size. Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
 Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
 Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
 Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
 Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
 Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
 Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
 Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
 Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
 Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
 Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "sports_race", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_sports_race_data(gapminder) |>
  set_sports_race_details()
)
```

set_survey_details	<i>Set survey chart details</i>
--------------------	---------------------------------

Description

Set survey chart details

Usage

```
set_survey_details(
  .,
  dot_fill = NULL,
  dot_opacity = NULL,
  dot_opacity_unhighlighted = NULL,
  chart_color_scale_categorical_palette = NULL,
```

```
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
dot_shape = NULL,  
dot_sides = NULL,  
outline_width = NULL,  
outline_color = NULL,  
dot_label = NULL,  
dot_label_color = NULL,  
dot_label_bold = NULL,  
dot_label_min = NULL,  
dot_label_auto_size = NULL,  
dot_label_fixed = NULL,  
dot_label_scale = NULL,  
dot_label_size_value = NULL,  
all_group_label = NULL,  
include_grouped_questions_on_shade_menu = NULL,  
include_grouped_questions_on_compare_menu = NULL,  
order_groups_by_size = NULL,  
order_groups_by_size_mode = NULL,  
group_colors = NULL,  
exclusions = NULL,  
exclude_blanks = NULL,  
bundle_small_groups = NULL,  
small_groups_threshold = NULL,  
small_groups_other_label = NULL,
```

```
label_mode = NULL,  
label_tight_fit = NULL,  
label_color = NULL,  
label_min_font_size = NULL,  
label_max_font_size = NULL,  
label_group_padding_lines = NULL,  
label_shadow_size = NULL,  
label_shadow_color = NULL,  
label_group_count = NULL,  
label_group_percent = NULL,  
label_group_percent_decimals = NULL,  
always_show_x_label = NULL,  
show_xy_axis_labels_when_comparing = NULL,  
compare_y_axis_width = NULL,  
compare_x_axis_height = NULL,  
chart_height_mode = NULL,  
chart_aspect_ratio_wide = NULL,  
chart_aspect_ratio_narrow = NULL,  
map_opacity_map_mode = NULL,  
map_opacity_non_map_mode = NULL,  
map_max_group_size = NULL,  
map_dimensions = NULL,  
map_aspect_ratio = NULL,  
map_region = NULL,  
map_region_url = NULL,  
map_region_bounds_x1 = NULL,  
map_region_bounds_x2 = NULL,  
map_region_bounds_y2 = NULL,  
map_region_bounds_y1 = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,
```



```
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
panel_background_color = NULL,  
panel_background_opacity = NULL,  
panel_text_color = NULL,  
panel_text_size = NULL,  
panel_icon_color = NULL,  
panel_width = NULL,  
panel_cog_color = NULL,  
panel_overlay = NULL,  
panel_hide_cog = NULL,  
select_group_show = NULL,  
select_color_show = NULL,  
select_size_show = NULL,  
select_compare_show = NULL,  
histogram_show = NULL,  
select_group_text = NULL,  
select_color_text = NULL,  
select_size_text = NULL,  
select_compare_text = NULL,  
select_filter_text = NULL,
```

```
select_map_text = NULL,  
chart_filter_controls_control_type = NULL,  
chart_filter_controls_control_styles = NULL,  
chart_filter_controls_control_title = NULL,  
chart_filter_controls_button_group = NULL,  
chart_filter_controls_button_group_width_mode = NULL,  
chart_filter_controls_button_group_width_fixed = NULL,  
chart_filter_controls_dropdown_width_mode = NULL,  
chart_filter_controls_dropdown_width_fixed = NULL,  
chart_filter_controls_slider_width = NULL,  
chart_filter_controls_slider_max_label_width = NULL,  
chart_filter_controls_slider_step_time = NULL,  
chart_filter_controls_slider_loop = NULL,  
chart_filter_controls_slider_restart_pause = NULL,  
chart_filter_controls_sort = NULL,  
column_filter_show_all = NULL,  
column_filter_show_all_label = NULL,  
chart_controls_style_font_size = NULL,  
chart_controls_style_font_weight = NULL,  
chart_controls_style_height = NULL,  
chart_button_control_style_background = NULL,  
chart_button_control_style_background_selected = NULL,  
chart_button_control_style_background_hover = NULL,  
chart_button_control_style_font_color = NULL,  
chart_button_control_style_font_color_selected = NULL,  
chart_button_control_style_font_color_hover = NULL,  
chart_button_control_style_button_styles_advanced = NULL,  
chart_button_control_style_border_width = NULL,  
chart_button_control_style_border_color = NULL,  
chart_button_control_style_border_transparency = NULL,  
chart_button_control_style_border_radius = NULL,  
chart_slider_control_style_track_color = NULL,  
chart_slider_control_style_font_color = NULL,  
chart_slider_control_style_handle_color = NULL,  
chart_slider_control_style_play_color = NULL,  
chart_slider_control_style_track_height = NULL,  
chart_slider_control_style_handle_height = NULL,  
chart_slider_control_style_play_button = NULL,  
chart_dropdown_control_style_background = NULL,  
chart_dropdown_control_style_font_color = NULL,  
chart_dropdown_control_style_border_styles_advanced = NULL,  
chart_dropdown_control_style_border_style = NULL,  
chart_dropdown_control_style_border_width = NULL,  
chart_dropdown_control_style_border_color = NULL,  
chart_dropdown_control_style_border_transparency = NULL,  
chart_dropdown_control_style_border_radius = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,
```

```
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
legend_position = NULL,  
legend_hide_space = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
zoom_on_double_click = NULL,  
zoom_on_mousewheel = NULL,  
transition_duration = NULL,  
transition_stagger = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,
```

```
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,
```

```
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_alt = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,  
chart_layout_footer_align_vertical = NULL,  
chart_layout_footer_border = NULL,  
chart_layout_footer_border_width = NULL,  
chart_layout_footer_border_color = NULL,  
chart_layout_footer_border_style = NULL,
```

```

chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

- . The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
- dot_fill Default color. If left blank, the first color in the color palette will be used. Flourish type hint: color, defaults to NULL
- dot_opacity Opacity. Flourish type hint: number, defaults to NULL
- dot_opacity_unhighlighted Opacity (unhighlighted). The opacity of the unhighlighted dots when one of the dots is highlighted. Flourish type hint: number, defaults to NULL
- chart_color_scale_categorical_palette Color when shading. The colors to use when shading by the answer to a questions. Flourish type hint: colors, defaults to NULL
- chart_color_scale_categorical_extend Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
- chart_color_scale_categorical_custom_palette Custom overrides. Enter the name of the category that you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26) Note that overrides from the "Color overrides" sheet take priority over the overrides in this setting. Flourish type hint: text, defaults to NULL
- chart_color_scale_numeric_type Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
- chart_color_scale_binning Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL
- chart_color_scale_bin_mode Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL
- chart_color_scale_bin_count Number of bins. Flourish type hint: number, defaults to NULL
- chart_color_scale_bin_thresholds Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For

"5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

dot_shape
Shape. Choices: circle, square, polygon. Flourish type hint: string, defaults to NULL

dot_sides
Sides. Flourish type hint: number, defaults to NULL

outline_width
Stroke width. In pixels. The width of the outline stroke. Flourish type hint: number, defaults to NULL

outline_color	Stroke color. Outline color for your dots/squares/polygons. If not set, the layout background color will be used. Flourish type hint: color, defaults to NULL
dot_label	Default label or emoji. A label or emoji to show on each dot. Overridden by any label specified using the Label column setting. Flourish type hint: string, defaults to NULL
dot_label_color	Color. Flourish type hint: color, defaults to NULL
dot_label_bold	Bold. Flourish type hint: boolean, defaults to NULL
dot_label_min	Min size to display. The minimum text size in pixels for dot labels. Below this level they will not render. Flourish type hint: number, defaults to NULL
dot_label_auto_size	Sizing mode. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
dot_label_fixed	Size in %. Specifies font size across the graphic as a percentage of dot height. Flourish type hint: number, defaults to NULL
dot_label_scale	Scale. Scales the labels up or down from their default size. Flourish type hint: number, defaults to NULL
dot_label_size_value	Show numerical value when sizing dots. Flourish type hint: boolean, defaults to NULL
all_group_label	Name for "all" group. Flourish type hint: string, defaults to NULL
include_grouped_questions_on_shade_menu	Include grouped questions on shading menu. Flourish type hint: boolean, defaults to NULL
include_grouped_questions_on_compare_menu	Include grouped questions on compare menu. Flourish type hint: boolean, defaults to NULL
order_groups_by_size	Order groups by size. Flourish type hint: boolean, defaults to NULL
order_groups_by_size_mode	Choices: ascending, descending. Flourish type hint: string, defaults to NULL
group_colors	Arrange groups by color. If selected, dots of the same color are grouped together; if not the dots are placed in spreadsheet order. Flourish type hint: boolean, defaults to NULL
exclusions	Exclude groups with the following names. Case-sensitive comma-separated list. Flourish type hint: string, defaults to NULL
exclude_blanks	Exclude groups with blank names. Flourish type hint: boolean, defaults to NULL
bundle_small_groups	Bundle small groups. Flourish type hint: boolean, defaults to NULL
small_groups_threshold	Min size. Flourish type hint: number, defaults to NULL

small_groups_other_label	"Other" group label. Flourish type hint: string, defaults to NULL
label_mode	Label position. Choices: atop, around, above. Flourish type hint: string, defaults to NULL
label_tight_fit	Position close to group. Flourish type hint: boolean, defaults to NULL
label_color	Text color. Flourish type hint: color, defaults to NULL
label_min_font_size	Min font size. In pixels; the actual font size in any view is set automatically between the min and max. Flourish type hint: number, defaults to NULL
label_max_font_size	Max font size. In pixels; the actual font size in any view is set automatically between the min and max. Flourish type hint: number, defaults to NULL
label_group_padding_lines	Space for labels. The amount of space to leave above the groups, specified in lines of text. Flourish type hint: number, defaults to NULL
label_shadow_size	Size. As percent of font size. Flourish type hint: number, defaults to NULL
label_shadow_color	Color. Flourish type hint: color, defaults to NULL
label_group_count	Show number of dots in group. Adds the number in brackets after the main label; ignored in chart, map and compare modes. Flourish type hint: boolean, defaults to NULL
label_group_percent	Show group size as % of visible dots. Adds group size as a percent of visible dots, in brackets after the main label. This setting is ignored in chart, map and compare modes and when showing a grouped question. Flourish type hint: boolean, defaults to NULL
label_group_percent_decimals	Decimal places on percentage labels. Flourish type hint: number, defaults to NULL
always_show_x_label	Show X label when not comparing. Show the groups label at the bottom of chart when not comparing two metrics. Flourish type hint: boolean, defaults to NULL
show_xy_axis_labels_when_comparing	Show X/Y labels when comparing. Show groups labels on both axes when comparing two metrics. Flourish type hint: boolean, defaults to NULL
compare_y_axis_width	Y axis width. Flourish type hint: number, defaults to NULL
compare_x_axis_height	X axis height. Flourish type hint: number, defaults to NULL
chart_height_mode	Height mode. Choices: auto, aspect_ratio. How the graphic height will be set when embedded with the responsive script embed without a specified height. Flourish type hint: string, defaults to NULL

chart_aspect_ratio_wide Desktop. The chart aspect ratio on screens 640 pixels wide and higher (1 for square - a smaller value means a bigger height). Flourish type hint: number, defaults to NULL

chart_aspect_ratio_narrow Mobile. The chart aspect ratio on screens narrower than 640 pixels (1 for square - a smaller value means a bigger height). Flourish type hint: number, defaults to NULL

map_opacity_map_mode Map opacity (in map mode). Flourish type hint: number, defaults to NULL

map_opacity_non_map_mode Map opacity (in other modes). Flourish type hint: number, defaults to NULL

map_max_group_size Max group size in map view. In relative units. Flourish type hint: number, defaults to NULL

map_dimensions Map dimensions. Choices: auto, aspect_ratio. Flourish type hint: string, defaults to NULL

map_aspect_ratio Map aspect ratio. Aspect ratio of the map. 1 will make the map square. Flourish type hint: number, defaults to NULL

map_region Region. Choices: world, usa, europe, custom. Flourish type hint: string, defaults to NULL

map_region_url Url to equirectangular projection of map. Flourish type hint: url, defaults to NULL

map_region_bounds_x1 Minimum longitude. Flourish type hint: number, defaults to NULL

map_region_bounds_x2 Maximum longitude. Flourish type hint: number, defaults to NULL

map_region_bounds_y2 Minimum latitude. Flourish type hint: number, defaults to NULL

map_region_bounds_y1 Maximum latitude. Flourish type hint: number, defaults to NULL

chart_popup_mode Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL

chart_popup_popup_is_custom Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_popup_styles Show popup styles. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_custom_header Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

- `chart_popup_popup_custom_main`
Popup custom main content. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: `html`, defaults to `NULL`
- `chart_popup_popup_custom_accessible`
Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an `aria-label` attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}, GDP: {{GDP}}`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: `text`, defaults to `NULL`
- `chart_popup_popup_width`
Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_font_size`
Text size. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_text_color`
Text color. Flourish type hint: `color`, defaults to `NULL`
- `chart_popup_popup_align`
Align. Choices: `start`, `center`, `end`. Flourish type hint: `string`, defaults to `NULL`
- `chart_popup_popup_background`
Fill color. Flourish type hint: `color`, defaults to `NULL`
- `chart_popup_popup_background_opacity`
Fill opacity. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_padding`
Padding. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_radius`
Radius. Corner radius of popup. Flourish type hint: `number`, defaults to `NULL`
- `chart_popup_popup_header_type`
Header style. Choices: `block`, `inline`. Flourish type hint: `string`, defaults to `NULL`
- `chart_popup_popup_header_background`
Background. Flourish type hint: `color`, defaults to `NULL`
- `chart_popup_popup_header_text_color`
Text. Flourish type hint: `color`, defaults to `NULL`
- `chart_popup_popup_list_type`
List type. Choices: `table`, `ul`. Flourish type hint: `string`, defaults to `NULL`
- `chart_popup_popup_list_label_weight`
Label weight. Choices: `normal`, `bold`. Flourish type hint: `string`, defaults to `NULL`
- `chart_popup_popup_list_separator`
List separator. Choices: `:`, `,`, `
`. Flourish type hint: `string`, defaults to `NULL`

chart_popup_popup_shadow
 Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
 Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
 Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
 Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
 Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
 Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
 Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
 Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
 Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
 Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
 Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
 Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
 Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
 Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
 Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
 Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

panel_background_color
Background. Flourish type hint: color, defaults to NULL

panel_background_opacity
Opacity. Flourish type hint: number, defaults to NULL

panel_text_color
Text color. Flourish type hint: color, defaults to NULL

panel_text_size
Text size. Flourish type hint: number, defaults to NULL

panel_icon_color
Icon color. Choices: light, dark. Flourish type hint: string, defaults to NULL

panel_width
Panel width. Width of the controls panels on wide screens, ignored on mobile. Flourish type hint: number, defaults to NULL

panel_cog_color
Cog icon color. Flourish type hint: color, defaults to NULL

panel_overlay
Overlay panel over graphic. Flourish type hint: boolean, defaults to NULL

panel_hide_cog	Disable controls toggle in published graphic. When checked, the controls icon for showing/ hiding the controls panel is visible only in the visualization and story editors not in the published visualization or story. When making a story, you can still lock the panel to be visible or hidden by clicking the cog icon in the story editor. Flourish type hint: boolean, defaults to NULL
select_group_show	Group menu. Populated by all category columns. Flourish type hint: boolean, defaults to NULL
select_color_show	Color menu. Populated by all category columns. Flourish type hint: boolean, defaults to NULL
select_size_show	Size menu. Populated by all continuous number columns. Flourish type hint: boolean, defaults to NULL
select_compare_show	Compare menu. Populated by all category columns; appears only when Group by is selected. Flourish type hint: boolean, defaults to NULL
histogram_show	Bar mode. Flourish type hint: boolean, defaults to NULL
select_group_text	Group by. Flourish type hint: string, defaults to NULL
select_color_text	Shade by. Flourish type hint: string, defaults to NULL
select_size_text	Size by. Flourish type hint: string, defaults to NULL
select_compare_text	Compare. Flourish type hint: string, defaults to NULL
select_filter_text	Filter. Flourish type hint: string, defaults to NULL
select_map_text	Group location. Flourish type hint: string, defaults to NULL
chart_filter_controls_control_type	Control type. Choices: dropdown, buttons, slider. Choose between a dropdown, buttons or a time slider Flourish type hint: string, defaults to NULL
chart_filter_controls_control_styles	Adv. Flourish type hint: boolean, defaults to NULL
chart_filter_controls_control_title	Control title. Flourish type hint: string, defaults to NULL
chart_filter_controls_button_group	Grouped. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_filter_controls_button_group_width_mode	Button group width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL
chart_filter_controls_button_group_width_fixed	Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_dropdown_width_mode
Dropdown width. Choices: auto, full, fixed. Flourish type hint: string, defaults to NULL

chart_filter_controls_dropdown_width_fixed
Width. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_width
Slider width. Width of the slider track in rems Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_max_label_width
Max label width. In rems, multiples of base font size. If larger than the longest label, only the space required to fit labels will be used. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_step_time
Time between steps. Measured in seconds, positive values move the slider left to right, negative values move the slider right to left. Flourish type hint: number, defaults to NULL

chart_filter_controls_slider_loop
Loop. Flourish type hint: boolean, defaults to NULL

chart_filter_controls_slider_restart_pause
Pause before loop. Measured in seconds and in addition to the regular step time displayed above. Flourish type hint: number, defaults to NULL

chart_filter_controls_sort
Sorting. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

column_filter_show_all
Include "All" in slider/menu. Flourish type hint: boolean, defaults to NULL

column_filter_show_all_label
Label for All. Flourish type hint: string, defaults to NULL

chart_controls_style_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_controls_style_font_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_controls_style_height
Height. Flourish type hint: number, defaults to NULL

chart_button_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_background_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_selected
Selected. Flourish type hint: color, defaults to NULL

chart_button_control_style_font_color_hover
Mouse over. Flourish type hint: color, defaults to NULL

chart_button_control_style_button_styles_advanced
Button border styles. Flourish type hint: boolean, defaults to NULL

chart_button_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_button_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_button_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_slider_control_style_track_color
Track. Flourish type hint: color, defaults to NULL

chart_slider_control_style_font_color
Text. Flourish type hint: color, defaults to NULL

chart_slider_control_style_handle_color
Handle. Flourish type hint: color, defaults to NULL

chart_slider_control_style_play_color
Play/pause. Flourish type hint: color, defaults to NULL

chart_slider_control_style_track_height
Track height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_handle_height
Height. Flourish type hint: number, defaults to NULL

chart_slider_control_style_play_button
Play button. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_background
Background. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_font_color
Text color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_styles_advanced
Dropdown border styles. Flourish type hint: boolean, defaults to NULL

chart_dropdown_control_style_border_style
Border style. Choices: all, bottom. Show border on all sides, or only at the bottom. Flourish type hint: string, defaults to NULL

chart_dropdown_control_style_border_width
Border width. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_color
Color. Flourish type hint: color, defaults to NULL

chart_dropdown_control_style_border_transparency
Transparency. Flourish type hint: number, defaults to NULL

chart_dropdown_control_style_border_radius
Radius. Flourish type hint: number, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_outline
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_swatch_outline_color
Color. Flourish type hint: color, defaults to NULL

chart_categorical_legend_order_override
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL

chart_categorical_legend_icon_height
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL

chart_categorical_legend_icon_color
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL

chart_categorical_legend_max_width
Max width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

legend_position
Position. Choices: above, below. Flourish type hint: string, defaults to NULL

legend_hide_space
Remove space when empty. Turn off to avoid the legend taking up space when empty. Leave on to avoid the graphic jumping up and down a little when the legend is revealed or hidden. Flourish type hint: boolean, defaults to NULL

chart_legend_container_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_legend_container_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

chart_legend_container_title_weight
Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_weight
Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_legend_container_text_color
Color. Flourish type hint: color, defaults to NULL

chart_legend_container_text_size
Size. Flourish type hint: number, defaults to NULL

zoom_on_double_click
Zoom on double click. Flourish type hint: boolean, defaults to NULL

zoom_on_mousewheel
Zoom on pinch/mousewheel. Flourish type hint: boolean, defaults to NULL

transition_duration
Duration. Time in milliseconds of each dots animation. Flourish type hint: number, defaults to NULL

transition_stagger
Stagger. The spread of time over which the dots start animating. Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M`, `%d %b %Y`, `%H:%M`, `%d/%m/%Y`, `%H:%M`, `%m/%d/%Y`, `%H:%M`, `%d-%m-%Y`, `%H:%M`, `%m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light	Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL
chart_layout_footer_logo_alt	Alt text. Flourish type hint: string, defaults to NULL
chart_layout_footer_logo_link_url	Link. Flourish type hint: string, defaults to NULL
chart_layout_footer_logo_height	Height. Flourish type hint: number, defaults to NULL
chart_layout_footer_logo_margin	Margin. Flourish type hint: number, defaults to NULL
chart_layout_footer_logo_order	Position. Choices: left, right. Flourish type hint: string, defaults to NULL
chart_layout_footer_align_vertical	V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL
chart_layout_footer_border	Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_width	Width. Flourish type hint: number, defaults to NULL
chart_layout_footer_border_color	Color. Flourish type hint: color, defaults to NULL
chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "survey", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_survey_data(gapminder) |>  
  set_survey_details()  
)
```

set_svg_annotator_details

Set svg annotator chart details

Description

Set svg annotator chart details

Usage

```
set_svg_annotator_details(  
  ` ,  
  svg_url = NULL,  
  svg_width_wide = NULL,  
  mobile_view = NULL,  
  mobile_breakpoint = NULL,  
  mobile_svg_mode = NULL,  
  mobile_svg_url = NULL,  
  mobile_svg_width = NULL,  
  mobile_content_mode = NULL,  
  clickable_svg_animation = NULL,  
  clickable_svg_animation_duration = NULL,  
  clickable_svg_animation_config = NULL,  
  clickable_svg_animation_attr = NULL,  
  clickable_svg_animation_values = NULL,  
  clickable_svg_animation_repeat = NULL,  
  text_panel_enabled = NULL,  
  h1_default = NULL,  
  h1_size = NULL,  
  h2_default = NULL,  
  h2_size = NULL,  
  content_default = NULL,  
  content_size = NULL,  
  chart_popup_mode = NULL,  
  chart_popup_popup_is_custom = NULL,  
  chart_popup_show_popup_styles = NULL,  
  chart_popup_popup_custom_header = NULL,  
  chart_popup_popup_custom_main = NULL,  
  chart_popup_popup_width = NULL,  
  chart_popup_popup_font_size = NULL,
```

```
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
svg_reset_fonts = NULL,  
show_css = NULL,  
stylesheet = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,
```

```
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,
```

```
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,  
chart_layout_footer_logo_link_url = NULL,  
chart_layout_footer_logo_height = NULL,  
chart_layout_footer_logo_margin = NULL,  
chart_layout_footer_logo_order = NULL,
```

```

    chart_layout_footer_align_vertical = NULL,
    chart_layout_footer_border = NULL,
    chart_layout_footer_border_width = NULL,
    chart_layout_footer_border_color = NULL,
    chart_layout_footer_border_style = NULL,
    chart_layout_footer_border_space = NULL,
    chart_layout_screenreader_hide_primary = NULL,
    chart_layout_screenreader_text_primary = NULL,
    chart_layout_screenreader_label = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

svg_url SVG file. Flourish type hint: url, defaults to NULL

svg_width_wide Image width. The width in % of the image in standard wide-screen view. Flourish type hint: number, defaults to NULL

mobile_view Different mobile view. Flourish type hint: boolean, defaults to NULL

mobile_breakpoint Breakpoint. The size in pixels at which to switch to mobile layout. Flourish type hint: number, defaults to NULL

mobile_svg_mode Image on mobile. Choices: none, same, different. Whether to show the image at all on mobile. Flourish type hint: string, defaults to NULL

mobile_svg_url SVG file (mobile). Flourish type hint: url, defaults to NULL

mobile_svg_width Width. The width in % of the image on a mobile view. Flourish type hint: number, defaults to NULL

mobile_content_mode Mobile content mode. Choices: interactive, all, accordion. If turned on all content will display on load in mobile view. Flourish type hint: string, defaults to NULL

clickable_svg_animation Animation clickable elements. Choices: off, animation. Flourish type hint: string, defaults to NULL

clickable_svg_animation_duration Duration. The duration of the highlight animation on each clickable element. Flourish type hint: number, defaults to NULL

clickable_svg_animation_config Advanced. Reveal settings to adjust the SVG Animation properties on clickable elements. See <https://developer.mozilla.org/en-US/docs/Web/SVG/Element/animate> for more details. Flourish type hint: boolean, defaults to NULL

clickable_svg_animation_attr Attribute. Flourish type hint: string, defaults to NULL

clickable_svg_animation_values	Values. Flourish type hint: string, defaults to NULL
clickable_svg_animation_repeat	Repeat. Flourish type hint: string, defaults to NULL
text_panel_enabled	Text panel enabled. Set to disabled to only show text in popups. Flourish type hint: boolean, defaults to NULL
h1_default	Default heading. The text to show on load. Flourish type hint: text, defaults to NULL
h1_size	Size. Flourish type hint: number, defaults to NULL
h2_default	Default subheading. The text to show on load. Flourish type hint: text, defaults to NULL
h2_size	Size. Flourish type hint: number, defaults to NULL
content_default	Default subheading. The text to show on load. Flourish type hint: text, defaults to NULL
content_size	Size. Flourish type hint: number, defaults to NULL
chart_popup_mode	Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL
chart_popup_popup_is_custom	Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_popup_show_popup_styles	Show popup styles. Flourish type hint: boolean, defaults to NULL
chart_popup_popup_custom_header	Popup custom header. The text to appear in the popup. You can use <code>{{column_name}}</code> to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using <code>{{# if column_name}}Text to display{{/if}}</code> . For example: <code>{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}</code> Flourish type hint: html, defaults to NULL
chart_popup_popup_custom_main	Popup custom main content. The text to appear in the popup. You can use <code>{{column_name}}</code> to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using <code>{{# if column_name}}Text to display when column_name is not empty{{/if}}</code> . For example: <code>{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}</code> Flourish type hint: html, defaults to NULL
chart_popup_popup_width	Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL
chart_popup_popup_font_size	Text size. Flourish type hint: number, defaults to NULL

chart_popup_popup_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_popup_align
Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_popup_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_popup_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_popup_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_popup_radius
Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_popup_header_type
Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

chart_popup_popup_header_background
Background. Flourish type hint: color, defaults to NULL

chart_popup_popup_header_text_color
Text. Flourish type hint: color, defaults to NULL

chart_popup_popup_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_popup_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header

Panel custom header. The text to appear in the panel. You can use `{{column_name}}` to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{# if column_name}}`Text to display when column_name is not empty`{{/if}}`.
For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`
Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main

Panel custom main content. The text to appear in the panel. You can use `{{column_name}}` to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. You can also hide content based on a column name being empty using `{{# if column_name}}`Text to display when column_name is not empty`{{/if}}`.
For example: `{{Country}} {{#if Capital}}(Capital: {{Capital}}){{/if}}`
Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay

Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay

Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side

Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side

Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width

Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height

Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position

Vertical position. Choices: click, center. Choosing "Click position" is especially useful when your visualisation is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color

Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size

Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align

Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background

Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity

Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding

Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius	Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL
chart_popup_panel_list_type	List type. Choices: table, ul. Flourish type hint: string, defaults to NULL
chart_popup_panel_list_label_weight	Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
chart_popup_panel_list_separator	List separator. Choices: :, , , . Flourish type hint: string, defaults to NULL
chart_popup_panel_shadow	Shadow. Flourish type hint: boolean, defaults to NULL
svg_reset_fonts	Override fonts in SVG. If enabled, font-family styles will be removed in the SVG, allowing the text to be inherited from the current theme or settings. Flourish type hint: boolean, defaults to NULL
show_css	Edit CSS. Flourish type hint: boolean, defaults to NULL
stylesheet	Custom styles. Use the class .clickable-element to target all interactive elements. When one is clicked, it is .highlighted and the others are .faded. The text for each clickable element is inside a .text-block, which is also .accordion in accordion mode. Flourish type hint: code, defaults to NULL
chart_layout_body_font	Main font. This font will apply to the whole graphic by default, but you can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL
chart_layout_font_color	Text color. This color will apply to the whole graphic by default, but you can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL
chart_layout_background_color_enabled	Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_image_enabled	Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_color	Background color. Flourish type hint: color, defaults to NULL
chart_layout_background_image_src	Image URL. Flourish type hint: url, defaults to NULL
chart_layout_background_image_size	Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL
chart_layout_background_image_position	Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL
chart_layout_max_width_target	Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Choices: stack-default, stack-2, stack-3, stack-4. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements such as axes. Note that when direction is set to "right to left" any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size. Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualisation container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. Flourish type hint: string, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background colour is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_hide_primary
Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders. (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

chart_layout_screenreader_text_primary

Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label

Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders. Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "svg_annotator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_svg_annotator_data(gapminder) |>
  set_svg_annotator_details()
)
```

set_table_details *Set table chart details*

Description

Set table chart details

Usage

```
set_table_details(
  ` ,
  table_min_width = NULL,
  table_border_width = NULL,
  table_border_color = NULL,
  sorting_enabled = NULL,
  sorting_custom_columns = NULL,
  pagination_amount = NULL,
  markdown_enabled = NULL,
  cell_height = NULL,
  cell_padding_vertical = NULL,
  cell_padding_horizontal = NULL,
  cell_wrap = NULL,
  cell_horizontal_alignment = NULL,
  cell_numeric_horizontal_alignment = NULL,
  cell_vertical_alignment = NULL,
  cell_fill_1 = NULL,
```

```
cell_fill_2 = NULL,  
cell_fill_direction = NULL,  
cell_fill_custom_enabled = NULL,  
cell_fill_custom_categorical = NULL,  
cell_fill_custom_numeric = NULL,  
cell_fill_margin_vertical = NULL,  
cell_fill_margin_horizontal = NULL,  
cell_border_mode = NULL,  
cell_border_color = NULL,  
cell_border_width = NULL,  
cell_border_style = NULL,  
cell_font_color = NULL,  
cell_link_color = NULL,  
cell_font_size = NULL,  
cell_font_size_custom = NULL,  
column_width_mode = NULL,  
column_widths = NULL,  
header_font_weight = NULL,  
header_fill = NULL,  
header_font_color = NULL,  
header_underline_sorting = NULL,  
header_style_default = NULL,  
header_height = NULL,  
header_padding = NULL,  
header_horizontal_alignment = NULL,  
header_font_default = NULL,  
header_font_size = NULL,  
header_border_default = NULL,  
header_border_color = NULL,  
header_border_width = NULL,  
header_border_style = NULL,  
cell_image_height = NULL,  
cell_image_radius = NULL,  
bar_columns_enabled = NULL,  
bar_columns_bar_1_columns = NULL,  
bar_columns_bar_1_column_name = NULL,  
bar_columns_type = NULL,  
bar_columns_bar_1_height = NULL,  
bar_columns_bar_1_width = NULL,  
bar_columns_bar_1_column_padding = NULL,  
bar_columns_bar_1_proportional = NULL,  
bar_columns_bar_1_same_scale = NULL,  
bar_columns_bar_1_zero_line = NULL,  
bar_columns_bar_1_zero_line_color = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,
```



```
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
bar_columns_bar_1_labels = NULL,  
bar_columns_bar_1_label_size = NULL,  
chart_legend_show_legend = NULL,  
chart_legend_title_mode = NULL,  
chart_legend_title = NULL,  
chart_legend_swatch_width = NULL,  
chart_legend_swatch_height = NULL,  
chart_legend_swatch_radius = NULL,  
chart_legend_legend_items_padding = NULL,  
chart_legend_swatch_outline = NULL,  
chart_legend_swatch_outline_color = NULL,  
chart_legend_order_override = NULL,  
chart_legend_icon_height = NULL,  
chart_legend_icon_color = NULL,  
chart_legend_max_width = NULL,  
chart_legend_orientation = NULL,  
legend_position = NULL,  
chart_legend_container_alignment = NULL,  
chart_legend_container_orientation = NULL,  
chart_legend_container_title_weight = NULL,  
chart_legend_container_text_weight = NULL,  
chart_legend_container_text_color = NULL,  
chart_legend_container_text_size = NULL,  
line_columns_enabled = NULL,  
line_columns_line_1_columns = NULL,  
line_columns_line_1_column_name = NULL,
```

```
line_columns_line_1_width = NULL,  
line_columns_line_1_height = NULL,  
line_columns_line_1_color = NULL,  
line_columns_line_1_area = NULL,  
line_columns_line_1_min_enabled = NULL,  
line_columns_line_1_min = NULL,  
line_columns_line_1_max_enabled = NULL,  
line_columns_line_1_max = NULL,  
mobile_view = NULL,  
mobile_breakpoint = NULL,  
mobile_cell_font_size = NULL,  
mobile_cell_font_size_custom = NULL,  
mobile_pagination_amount = NULL,  
search_enabled = NULL,  
search_mode = NULL,  
search_width = NULL,  
search_background_color = NULL,  
search_text_color = NULL,  
search_placeholder = NULL,  
no_results_text = NULL,  
search_hide_table = NULL,  
search_hide_published = NULL,  
search_columns = NULL,  
search_columns_custom = NULL,  
search_resize = NULL,  
search_dropdown = NULL,  
search_dropdown_persistent = NULL,  
search_val = NULL,  
chart_popup_show_popups = NULL,  
chart_popup_is_custom = NULL,  
chart_popup_custom_template = NULL,  
chart_popup_show_pointer = NULL,  
chart_popup_show_shadow = NULL,  
chart_popup_style_popups = NULL,  
chart_popup_text_color = NULL,  
chart_popup_align = NULL,  
chart_popup_text_size = NULL,  
chart_popup_fill_color = NULL,  
chart_popup_opacity = NULL,  
chart_popup_padding = NULL,  
chart_popup_border_radius = NULL,  
chart_popup_max_width = NULL,  
formatted_columns = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,
```

```
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,  
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,
```

```
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,
```

```

chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL,
chart_url_settings_enabled = NULL,
chart_url_settings_whitelist = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

table_min_width
Min width. Flourish type hint: number, defaults to NULL

table_border_width
Border. Flourish type hint: number, defaults to NULL

table_border_color
Border color. Flourish type hint: color, defaults to NULL

sorting_enabled	Sortable columns. Choices: all, none, custom. Determines whether a viewer can sort the table by clicking on the column headers. Custom allows the user only to sort listed columns. Flourish type hint: string, defaults to NULL
sorting_custom_columns	Columns to make sortable. Write each column name you want to make sortable on a new line. Flourish type hint: text, defaults to NULL
pagination_amount	Rows per page. If you dont want pagination, set this number to a value greater than the number of rows in your data. Flourish type hint: number, defaults to NULL
markdown_enabled	Cell text styling. Choices: TRUE, FALSE. Enables Markdown for your cells. For example for <i>italic</i> , bold text. Flourish type hint: boolean, defaults to NULL
cell_height	Min height. Flourish type hint: number, defaults to NULL
cell_padding_vertical	Padding vertical. Flourish type hint: number, defaults to NULL
cell_padding_horizontal	Padding horizontal. Flourish type hint: number, defaults to NULL
cell_wrap	Wrap text in cell. Flourish type hint: boolean, defaults to NULL
cell_horizontal_alignment	Text. Choices: start, center, end. Flourish type hint: string, defaults to NULL
cell_numeric_horizontal_alignment	Numbers. Choices: start, center, end. Flourish type hint: string, defaults to NULL
cell_vertical_alignment	Vertical alignment. Choices: top, center, bottom. Flourish type hint: string, defaults to NULL
cell_fill_1	Main color. Flourish type hint: color, defaults to NULL
cell_fill_2	Stripe color. Flourish type hint: color, defaults to NULL
cell_fill_direction	Stripe direction. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
cell_fill_custom_enabled	Color cells based on content. Flourish type hint: boolean, defaults to NULL
cell_fill_custom_categorical	Categorical coloring. To color cells based on their content, use the format: cell-color/text-color : cell-text : column name OR row-number To specify a row, write "row-" followed by the row number from the datasheet. Its also possible to leave out the column name or row number if you want to target all the cells in the table For example: red/white : Chelsea Use * in place of cell-text to select an entire column or row. For example: #0000dd/#ffffff : Alabama #ffffff/#dddddd : * : State #0000dd/#ffffff : * : row-2 #ffffff/#dddddd : n/a : Capital Flourish type hint: text, defaults to NULL
cell_fill_custom_numeric	Numeric coloring. Color cells numerically based on their content. For sequential coloring, use the format: min_color » max_color : column_name : domain_min » domain_max The domain is optional, for example: #ffffff » #00ff00

: Population #ffffff » #00ff00 : Population : 0 » 1000000000 For diverging coloring, use the format: min_color » midpt_color » max_color : col_name : domain_min » domain_mid » domain_max The domain is optional, for example: #ffffff » #00ff00 » #ff00ff : Vote share #ffffff » #00ff00 » #ff00ff : Vote share : 0 » 50 » 100 Where both numeric and categorical coloring are used on a cell, categorical will override numeric. Flourish type hint: text, defaults to NULL

cell_fill_margin_vertical

Vertical margin. Flourish type hint: number, defaults to NULL

cell_fill_margin_horizontal

Horizontal margin. Flourish type hint: number, defaults to NULL

cell_border_mode

Mode. Choices: none, horizontal, vertical, both. Flourish type hint: string, defaults to NULL

cell_border_color

Color. Flourish type hint: color, defaults to NULL

cell_border_width

Thickness. Flourish type hint: number, defaults to NULL

cell_border_style

Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

cell_font_color

Color. Flourish type hint: color, defaults to NULL

cell_link_color

Link color. Flourish type hint: color, defaults to NULL

cell_font_size Size. Choices: 1, 1.25, 1.5, custom. Flourish type hint: string, defaults to NULL

cell_font_size_custom

Custom. Specify a custom responsive font size in rems Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

column_width_mode

Choices: auto, equal, fixed. Flourish type hint: string, defaults to NULL

column_widths Column widths. A comma separated lists of column widths. The first column will be the first number in the list. You can use "px" to set fixed widths or "%" to use percentage of total width. (e.g. 200px,200px,25%). Flourish type hint: string, defaults to NULL

header_font_weight

Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

header_fill Background. Flourish type hint: color, defaults to NULL

header_font_color

Color. Flourish type hint: color, defaults to NULL

header_underline_sorting

Underline sorting header. Flourish type hint: boolean, defaults to NULL

header_style_default

Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

header_height Height. Flourish type hint: number, defaults to NULL

header_padding Padding. Flourish type hint: number, defaults to NULL

`header_horizontal_alignment`
Horizontal alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`header_font_default`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`header_font_size`
Size. Flourish type hint: number, defaults to NULL

`header_border_default`
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`header_border_color`
Color. Flourish type hint: color, defaults to NULL

`header_border_width`
Thickness. Flourish type hint: number, defaults to NULL

`header_border_style`
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`cell_image_height`
Height. as a percentage of the cell height. Flourish type hint: number, defaults to NULL

`cell_image_radius`
Rounded corners. Sets the radius of the corner roundness (in %). A value of 50 means your image will show as a circle. Flourish type hint: number, defaults to NULL

`bar_columns_enabled`
Choices: TRUE, FALSE. This setting will convert numerical values in your data to a simple visual bar chart. Flourish type hint: boolean, defaults to NULL

`bar_columns_bar_1_columns`
Which columns should be part of the bar chart?. Just write down the column names on a new line. Flourish type hint: text, defaults to NULL

`bar_columns_bar_1_column_name`
New column name. Flourish type hint: string, defaults to NULL

`bar_columns_type`
Bar type. Choices: bars, columns. Flourish type hint: string, defaults to NULL

`bar_columns_bar_1_height`
Max height. Flourish type hint: number, defaults to NULL

`bar_columns_bar_1_width`
Width. Flourish type hint: number, defaults to NULL

`bar_columns_bar_1_column_padding`
Padding. Flourish type hint: number, defaults to NULL

`bar_columns_bar_1_proportional`
Mode. Choices: FALSE, TRUE. Display data in a proportional bar chart or a standard stacked bar chart with a fixed min and max, e.g. for negative numbers. Flourish type hint: boolean, defaults to NULL

`bar_columns_bar_1_same_scale`
Consistent scale. If enabled, all the bar charts in the table will use the same X scale. Flourish type hint: boolean, defaults to NULL

bar_columns_bar_1_zero_line
Show zero line. Flourish type hint: boolean, defaults to NULL

bar_columns_bar_1_zero_line_color
Zero line color. Flourish type hint: color, defaults to NULL

chart_color_scale_categorical_palette
Palette. Flourish type hint: colors, defaults to NULL

chart_color_scale_categorical_extend
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

chart_color_scale_categorical_custom_palette
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

chart_color_scale_numeric_type
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

chart_color_scale_binning
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

chart_color_scale_bin_mode
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

chart_color_scale_bin_count
Number of bins. Flourish type hint: number, defaults to NULL

chart_color_scale_bin_thresholds
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

bar_columns_bar_1_labels
Labels. Choices: none, popup, inline. Flourish type hint: string, defaults to NULL

bar_columns_bar_1_label_size
Inline label size. Flourish type hint: number, defaults to NULL

chart_legend_show_legend
Legend. Choices: TRUE, FALSE. A legend will not show with a single entry.
Flourish type hint: boolean, defaults to NULL

chart_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_legend_legend_items_padding	Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL
chart_legend_swatch_outline	Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL
chart_legend_swatch_outline_color	Color. Flourish type hint: color, defaults to NULL
chart_legend_order_override	Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL
chart_legend_icon_height	Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL
chart_legend_icon_color	Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL
chart_legend_max_width	Max width. Flourish type hint: number, defaults to NULL
chart_legend_orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
legend_position	Legend position. Choices: above, below. Flourish type hint: string, defaults to NULL
chart_legend_container_alignment	Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL
chart_legend_container_orientation	Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
chart_legend_container_title_weight	Title weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
chart_legend_container_text_weight	Text weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
chart_legend_container_text_color	Color. Flourish type hint: color, defaults to NULL
chart_legend_container_text_size	Size. Flourish type hint: number, defaults to NULL
line_columns_enabled	Choices: TRUE, FALSE. This setting will convert numerical values in your data to a simple visual line chart. Flourish type hint: boolean, defaults to NULL
line_columns_line_1_columns	Which columns should be part of the line chart?. Write down the column names on a new line. Flourish type hint: text, defaults to NULL
line_columns_line_1_column_name	New column name. Flourish type hint: string, defaults to NULL

line_columns_line_1_width	Width. Flourish type hint: number, defaults to NULL
line_columns_line_1_height	Max height. Flourish type hint: number, defaults to NULL
line_columns_line_1_color	Color. Flourish type hint: color, defaults to NULL
line_columns_line_1_area	Area chart. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
line_columns_line_1_min_enabled	Min. Choices: TRUE, FALSE. Use a fixed min value. Flourish type hint: boolean, defaults to NULL
line_columns_line_1_min	Min value. Flourish type hint: number, defaults to NULL
line_columns_line_1_max_enabled	Max. Choices: TRUE, FALSE. Use a fixed max value. Flourish type hint: boolean, defaults to NULL
line_columns_line_1_max	Max value. Flourish type hint: number, defaults to NULL
mobile_view	Mobile view. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
mobile_breakpoint	Mobile breakpoint width. Flourish type hint: number, defaults to NULL
mobile_cell_font_size	Text size. Choices: 1, 1.25, 1.5, custom. Flourish type hint: string, defaults to NULL
mobile_cell_font_size_custom	Custom. Specify a custom responsive font size in rems Best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL
mobile_pagination_amount	Rows per page. If you dont want pagination, set this number to a value greater than the number of rows in your data. Flourish type hint: number, defaults to NULL
search_enabled	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
search_mode	Search mode. Choices: anywhere, start, whole. Anywhere : Search for the specified text anywhere in the cell Start : Search for the specified text at the beginning of the cell Whole : Search for the exact specified text in the cell. Flourish type hint: string, defaults to NULL
search_width	Width. Width of search container. Flourish type hint: number, defaults to NULL
search_background_color	Background. Flourish type hint: color, defaults to NULL
search_text_color	Text color. Flourish type hint: color, defaults to NULL
search_placeholder	Placeholder text. Flourish type hint: string, defaults to NULL
no_results_text	Text when no results. Flourish type hint: string, defaults to NULL

search_hide_table	Hide table before search. Flourish type hint: boolean, defaults to NULL
search_hide_published	Hide search when published. Keeps the search box visible in the editor (e.g. for filtering in a story) but hides it in the published visualization or storyFlourish type hint: boolean, defaults to NULL
search_columns	Columns to search. Choices: all, first, custom. Choose which columns you want to search through. You might want to narrow this down with big datasets to speed it up You can select specific columns by writing them down on a new line, like this: Column A Column B. Flourish type hint: string, defaults to NULL
search_columns_custom	Flourish type hint: text, defaults to NULL
search_resize	Resize table after searching. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
search_dropdown	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
search_dropdown_persistent	Always show dropdown suggestions. Flourish type hint: boolean, defaults to NULL
search_val	Search value. The current string value of the search box. Flourish type hint: hidden, defaults to NULL
chart_popup_show_popups	Popups. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_popup_is_custom	Popup contents. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_popup_custom_template	Popup content. The text to appear in the popup. You can use {{column_name}} to add a value from your data. It must be in a selected column, but you can add columns to Metadata if you just want to include them for use in the popup. Advanced users can include HTML to apply layouts, formatting, images, etc. Flourish type hint: text, defaults to NULL
chart_popup_show_pointer	Pointer. Flourish type hint: boolean, defaults to NULL
chart_popup_show_shadow	Shadow. Flourish type hint: boolean, defaults to NULL
chart_popup_style_popups	Custom styling. Flourish type hint: boolean, defaults to NULL
chart_popup_text_color	Text colour. Flourish type hint: color, defaults to NULL
chart_popup_align	Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL
chart_popup_text_size	Font size. Flourish type hint: number, defaults to NULL

chart_popup_fill_color
 Fill colour. Flourish type hint: color, defaults to NULL

chart_popup_opacity
 Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_padding
 Padding. Flourish type hint: number, defaults to NULL

chart_popup_border_radius
 Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

chart_popup_max_width
 Max width. Flourish type hint: number, defaults to NULL

formatted_columns
 Columns to format. Write down the column names on a new line that you want to apply formatting to. Flourish type hint: text, defaults to NULL

chart_number_date_format_prefix
 Prefix. Text to place in front of a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
 Suffix. Text to place after a number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
 Decimal places. Decimal places. You can also enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
 Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
 Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
 Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_strip_separator
 Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform_labels
 Multiply/divide values. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_transform
 Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL

chart_number_date_format_multiply_divide_constant
 Flourish type hint: number, defaults to NULL

chart_number_date_format_exponentiate_constant
 Flourish type hint: number, defaults to NULL

chart_layout_body_font
 Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels.
Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc).
Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S`, `%I:%M %p`, `%H:%M`, `%H:%M %p`, `%H:%M:%S`, `%d %b %Y`, `%H:%M, %d %b %Y`, `%H:%M, %d/%m/%Y`, `%H:%M, %m/%d/%Y`, `%H:%M, %d-%m-%Y`, `%H:%M, %m-%d-%Y`, `%d %b %Y`, `%m/%d/%Y`, `%d/%m/%Y`, `%m-%d-%Y`, `%d-%m-%Y`, `%Y-%m-%d`, `%Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width	Width. Flourish type hint: number, defaults to NULL
chart_layout_footer_border_color	Color. Flourish type hint: color, defaults to NULL
chart_layout_footer_border_style	Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL
chart_layout_footer_border_space	Space. Space between border and footer text. Flourish type hint: number, defaults to NULL
chart_layout_screenreader_text_primary	Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL
chart_layout_screenreader_label	Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL
chart_layout_screenreader_hide_primary	Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL
chart_url_settings_enabled	Update project from URL. Make it possible to change the visualizations settings/state from the URL hash, for example when embedding in an iframe or popup panel. Flourish type hint: boolean, defaults to NULL
chart_url_settings_whitelist	Allowed state properties. List each state property you want to make changeable with the URL hash See the template page for a full list of state properties. Add one property name per line. Use dot format for nested properties, e.g. layout.background_color. Flourish type hint: text, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "table", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_table_data(gapminder) |>
  set_table_details()
)
```

`set_text_annotator_details`*Set text annotator chart details*

Description

Set text annotator chart details

Usage

```
set_text_annotator_details(  
    ·,  
    text = NULL,  
    highlight_color = NULL,  
    layout_align = NULL,  
    text_container_width = NULL,  
    text_font_size = NULL,  
    text_font_color = NULL,  
    text_font_color_highlighted = NULL,  
    text_font_color_highlighted_contrast = NULL,  
    text_highlight_type = NULL,  
    text_highlight_handdrawn = NULL,  
    highlighted_stroke_end = NULL,  
    highlighted_stroke_amount = NULL,  
    highlighted_stroke_width = NULL,  
    note_type = NULL,  
    note_visibility = NULL,  
    note_font_size = NULL,  
    side_panel_width = NULL,  
    note_font_color = NULL,  
    note_background_color = NULL,  
    note_custom_content = NULL,  
    note_mobile_mode = NULL,  
    chart_layout_body_font = NULL,  
    chart_layout_font_color = NULL,  
    chart_layout_background_color_enabled = NULL,  
    chart_layout_background_image_enabled = NULL,  
    chart_layout_background_color = NULL,  
    chart_layout_background_image_src = NULL,  
    chart_layout_background_image_size = NULL,  
    chart_layout_background_image_position = NULL,  
    chart_layout_max_width_target = NULL,  
    chart_layout_max_width = NULL,  
    chart_layout_max_width_align = NULL,  
    chart_layout_layout_order = NULL,  
    chart_layout_space_between_sections = NULL,  
    chart_layout_space_between_sections_custom = NULL,
```

```
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,
```

```
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,  
chart_layout_footer_logo_src_light = NULL,
```



```

chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
text	Text. Fill in the text you want to annotate In the datasheet, you can write which parts of the text should be annotated. If you want to annotate a specific part of the text that occurs more than once, you can add identifiers to your text. For example, annotating the word beautiful would look like: [beautiful]{beautiful-annotation}. Then, in the datasheet, you can write beautiful-annotation in the first column and the text to include in the annotation in the second column. Flourish type hint: html, defaults to NULL
highlight_color	Highlight color. Flourish type hint: color, defaults to NULL
layout_align	Align. Choices: center, start. Flourish type hint: string, defaults to NULL
text_container_width	Width. Max width of text container. Flourish type hint: number, defaults to NULL
text_font_size	Font size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
text_font_color	Text color. Flourish type hint: color, defaults to NULL
text_font_color_highlighted	Text color (highlighted). Flourish type hint: color, defaults to NULL
text_font_color_highlighted_contrast	Text color (highlighted). Flourish type hint: color, defaults to NULL
text_highlight_type	Highlight type. Choices: handdrawn, background, text_color, underline. Flourish type hint: string, defaults to NULL
text_highlight_handdrawn	Handdrawn type. Choices: circle, highlight, box, underline. Flourish type hint: string, defaults to NULL

highlighted_stroke_end
 Stroke end. Choices: round,Flourish type hint: string, defaults to NULL

highlighted_stroke_amount
 Iterations. Number of lines to draw. Flourish type hint: number, defaults to NULL

highlighted_stroke_width
 Thickness. Flourish type hint: number, defaults to NULL

note_type
 Mode. Choices: side-panel, inline. Flourish type hint: string, defaults to NULL

note_visibility
 Show notes. Choices: always, click. Flourish type hint: string, defaults to NULL

note_font_size
 Text size. Flourish type hint: number, defaults to NULL

side_panel_width
 Width. Max width of side panel. Flourish type hint: number, defaults to NULL

note_font_color
 Text color. Flourish type hint: color, defaults to NULL

note_background_color
 Background color. Flourish type hint: color, defaults to NULL

note_custom_content
 Note content. Use `{{NOTE}}` to show the annotation content. Use this setting to add prefixes, suffixes or additional HTML styling to your annotations. Flourish type hint: html, defaults to NULL

note_mobile_mode
 Mobile mode. Choices: side-panel, inline, overlay. Choose where to display the notes on smaller screens. Flourish type hint: string, defaults to NULL

chart_layout_body_font
 Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
 Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
 Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
 Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
 Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
 Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
 Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y,`

`%H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_enabled`

Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

`chart_layout_footer_logo_src`

Image. Flourish type hint: url, defaults to NULL

`chart_layout_footer_logo_src_light`

Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

`chart_layout_footer_logo_alt`

Alt text. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_link_url`

Link. Flourish type hint: string, defaults to NULL

`chart_layout_footer_logo_height`

Height. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_margin`

Margin. Flourish type hint: number, defaults to NULL

`chart_layout_footer_logo_order`

Position. Choices: left, right. Flourish type hint: string, defaults to NULL

`chart_layout_footer_align_vertical`

V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border`

Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_width`

Width. Flourish type hint: number, defaults to NULL

`chart_layout_footer_border_color`

Color. Flourish type hint: color, defaults to NULL

`chart_layout_footer_border_style`

Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

`chart_layout_footer_border_space`

Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`

Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`

Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary

Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "text_annotator", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_text_annotator_data(gapminder) |>  
  set_text_annotator_details()  
)
```

set_timeline_details *Set timeline chart details*

Description

Set timeline chart details

Usage

```
set_timeline_details(  
  .,  
  widescreen_orientation = NULL,  
  height_mode = NULL,  
  facet_aspect = NULL,  
  facet_aspect_custom = NULL,  
  facet_aspect_breakpoint = NULL,  
  facet_aspect_mobile = NULL,  
  facet_aspect_mobile_custom = NULL,  
  line_color = NULL,  
  line_width = NULL,  
  line_cap = NULL,  
  events_scale_type = NULL,  
  background_opacity = NULL,  
  background_sizing = NULL,  
  background_zoom = NULL,  
  background_gradient_size = NULL,  
  background_gradient_opacity = NULL,  
  background_gradient_blur = NULL,  
  chart_color_scale_categorical_palette = NULL,  
  chart_color_scale_categorical_extend = NULL,
```

```
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
marker_size = NULL,  
marker_background_color = NULL,  
marker_background_color_custom = NULL,  
marker_border_width = NULL,  
marker_border_color = NULL,  
marker_border_color_custom = NULL,  
connector_size = NULL,  
connector_space = NULL,  
connector_color = NULL,  
connector_opacity = NULL,  
content_background_color = NULL,  
content_padding = NULL,  
content_space_between = NULL,  
content_consistent_size = NULL,  
content_border_radius = NULL,  
individual_borders = NULL,  
content_border_width = NULL,  
content_border_opacity = NULL,  
content_border_color = NULL,  
content_border_color_custom = NULL,  
content_border_top_width = NULL,  
content_border_top_opacity = NULL,  
content_border_top_color = NULL,  
content_border_top_color_custom = NULL,
```

```
content_border_right_width = NULL,  
content_border_right_opacity = NULL,  
content_border_right_color = NULL,  
content_border_right_color_custom = NULL,  
content_border_bottom_width = NULL,  
content_border_bottom_opacity = NULL,  
content_border_bottom_color = NULL,  
content_border_bottom_color_custom = NULL,  
content_border_left_width = NULL,  
content_border_left_opacity = NULL,  
content_border_left_color = NULL,  
content_border_left_color_custom = NULL,  
content_title_alignment = NULL,  
content_title_styling = NULL,  
content_title_line_height = NULL,  
content_title_size = NULL,  
content_title_size_custom = NULL,  
content_title_weight = NULL,  
content_title_color = NULL,  
content_title_color_custom = NULL,  
content_title_space_above = NULL,  
content_title_space_above_custom = NULL,  
content_subtitle_alignment = NULL,  
content_subtitle_styling = NULL,  
content_subtitle_line_height = NULL,  
content_subtitle_size = NULL,  
content_subtitle_size_custom = NULL,  
content_subtitle_weight = NULL,  
content_subtitle_color = NULL,  
content_subtitle_color_custom = NULL,  
content_subtitle_space_above = NULL,  
content_subtitle_space_above_custom = NULL,  
content_text_alignment = NULL,  
content_text_styling = NULL,  
content_text_line_height = NULL,  
content_text_size = NULL,  
content_text_size_custom = NULL,  
content_text_weight = NULL,  
content_text_color = NULL,  
content_text_color_custom = NULL,  
content_text_space_above = NULL,  
content_text_space_above_custom = NULL,  
link_weight = NULL,  
link_color = NULL,  
link_underline = NULL,  
image_location = NULL,  
image_opacity = NULL,  
image_display = NULL,
```

```
image_sizing = NULL,  
image_zoom = NULL,  
image_content_sizing = NULL,  
image_content_zoom = NULL,  
image_float_position = NULL,  
image_inline_position = NULL,  
image_alignment = NULL,  
content_banner_depth = NULL,  
content_banner_depth_custom = NULL,  
image_width = NULL,  
image_margin = NULL,  
image_aspect = NULL,  
navigation_step_type = NULL,  
navigation_screen_proportion = NULL,  
navigation_event_number = NULL,  
navigation_icon_type = NULL,  
navigation_icon_size = NULL,  
navigation_icon_opacity = NULL,  
navigation_icon_custom = NULL,  
navigation_icon_color = NULL,  
navigation_gradient_color = NULL,  
navigation_gradient_width = NULL,  
navigation_gradient_opacity = NULL,  
chart_x_axis_axis_position = NULL,  
chart_x_axis_y_axis_position = NULL,  
chart_x_axis_numeric_scale_type = NULL,  
chart_x_axis_linear_min = NULL,  
chart_x_axis_linear_max = NULL,  
chart_x_axis_log_min = NULL,  
chart_x_axis_log_max = NULL,  
chart_x_axis_datetime_min = NULL,  
chart_x_axis_datetime_max = NULL,  
chart_x_axis_flip = NULL,  
chart_x_axis_show_scale_settings = NULL,  
chart_x_axis_nice = NULL,  
chart_x_axis_zero_axis = NULL,  
chart_x_axis_title_mode = NULL,  
chart_x_axis_title = NULL,  
chart_x_axis_title_styling = NULL,  
chart_x_axis_title_weight = NULL,  
chart_x_axis_title_color = NULL,  
chart_x_axis_title_size = NULL,  
chart_x_axis_title_padding = NULL,  
chart_x_axis_tick_label_position = NULL,  
chart_x_axis_tick_label_styling = NULL,  
chart_x_axis_tick_label_size = NULL,  
chart_x_axis_tick_label_color = NULL,  
chart_x_axis_tick_padding = NULL,
```

```
chart_x_axis_tick_label_angle = NULL,  
chart_x_axis_tick_label_weight = NULL,  
chart_x_axis_tick_label_max_lines = NULL,  
chart_x_axis_tick_label_line_height = NULL,  
chart_x_axis_tick_label_space_mode = NULL,  
chart_x_axis_tick_label_space = NULL,  
chart_x_axis_tick_mode = NULL,  
chart_x_axis_tick_number = NULL,  
chart_x_axis_tick_custom = NULL,  
chart_x_axis_line_and_tick_color = NULL,  
chart_x_axis_line_and_tick_width = NULL,  
chart_x_axis_tick_length = NULL,  
chart_x_axis_tick_side = NULL,  
chart_x_axis_line_visible = NULL,  
chart_x_axis_edge_padding = NULL,  
chart_x_axis_gridlines_visible = NULL,  
chart_x_axis_gridlines_styling = NULL,  
chart_x_axis_gridline_color = NULL,  
chart_x_axis_gridline_style = NULL,  
chart_x_axis_gridline_width = NULL,  
chart_x_axis_gridline_category_dividers = NULL,  
chart_x_axis_gridline_category_dividers_extend = NULL,  
chart_y_axis_visible = NULL,  
chart_y_axis_numeric_scale_type = NULL,  
chart_y_axis_linear_min = NULL,  
chart_y_axis_linear_max = NULL,  
chart_y_axis_log_min = NULL,  
chart_y_axis_log_max = NULL,  
chart_y_axis_datetime_min = NULL,  
chart_y_axis_datetime_max = NULL,  
chart_y_axis_flip = NULL,  
chart_y_axis_show_scale_settings = NULL,  
chart_y_axis_nice = NULL,  
chart_y_axis_zero_axis = NULL,  
chart_y_axis_title_mode = NULL,  
chart_y_axis_title = NULL,  
chart_y_axis_title_styling = NULL,  
chart_y_axis_title_position = NULL,  
chart_y_axis_title_weight = NULL,  
chart_y_axis_title_color = NULL,  
chart_y_axis_title_size = NULL,  
chart_y_axis_title_padding = NULL,  
chart_y_axis_tick_label_position = NULL,  
chart_y_axis_tick_label_styling = NULL,  
chart_y_axis_tick_label_size = NULL,  
chart_y_axis_tick_label_color = NULL,  
chart_y_axis_tick_padding = NULL,  
chart_y_axis_tick_label_angle = NULL,
```

```
chart_y_axis_tick_label_weight = NULL,  
chart_y_axis_tick_label_max_lines = NULL,  
chart_y_axis_tick_label_line_height = NULL,  
chart_y_axis_tick_label_space_mode = NULL,  
chart_y_axis_tick_label_space = NULL,  
chart_y_axis_tick_mode = NULL,  
chart_y_axis_tick_number = NULL,  
chart_y_axis_tick_custom = NULL,  
chart_y_axis_line_and_tick_color = NULL,  
chart_y_axis_line_and_tick_width = NULL,  
chart_y_axis_tick_length = NULL,  
chart_y_axis_tick_side = NULL,  
chart_y_axis_line_visible = NULL,  
chart_y_axis_edge_padding = NULL,  
chart_y_axis_gridlines_visible = NULL,  
chart_y_axis_gridlines_styling = NULL,  
chart_y_axis_gridline_color = NULL,  
chart_y_axis_gridline_style = NULL,  
chart_y_axis_gridline_width = NULL,  
chart_y_axis_gridline_category_dividers = NULL,  
chart_y_axis_gridline_category_dividers_extend = NULL,  
chart_categorical_legend_show_legend = NULL,  
chart_categorical_legend_title_mode = NULL,  
chart_categorical_legend_title = NULL,  
chart_categorical_legend_swatch_width = NULL,  
chart_categorical_legend_swatch_height = NULL,  
chart_categorical_legend_swatch_radius = NULL,  
chart_categorical_legend_legend_items_padding = NULL,  
chart_categorical_legend_swatch_outline = NULL,  
chart_categorical_legend_swatch_outline_color = NULL,  
chart_categorical_legend_order_override = NULL,  
chart_categorical_legend_icon_height = NULL,  
chart_categorical_legend_icon_color = NULL,  
chart_categorical_legend_max_width = NULL,  
chart_categorical_legend_orientation = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,
```

```
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,  
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,
```

```
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,  
chart_layout_footer_text_size = NULL,  
chart_layout_footer_text_color = NULL,  
chart_layout_footer_styling = NULL,  
chart_layout_footer_font = NULL,  
chart_layout_footer_text_weight = NULL,  
chart_layout_source_name = NULL,  
chart_layout_source_url = NULL,  
chart_layout_multiple_sources = NULL,  
chart_layout_source_name_2 = NULL,  
chart_layout_source_url_2 = NULL,  
chart_layout_source_name_3 = NULL,  
chart_layout_source_url_3 = NULL,  
chart_layout_source_label = NULL,  
chart_layout_footer_note = NULL,  
chart_layout_footer_note_secondary = NULL,  
chart_layout_advanced_note_styling = NULL,  
chart_layout_footer_timestamp_format = NULL,  
chart_layout_footer_logo_enabled = NULL,  
chart_layout_footer_logo_src = NULL,
```



```

chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

widescreeen_orientation
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL

height_mode
Height mode. Choices: auto, standard, aspect. Auto: sets the height based on the chart type, data and width. Standard: uses the default Flourish responsive sizing. Aspect ratio: sets the aspect of each plot. This setting is ignored when embedded in a fixed-height context, such as a simple iframe embedFlourish type hint: string, defaults to NULL

facet_aspect
Desktop aspect. Choices: 0.75, 1, 1.5, custom. Aspect ratio of the visualization in desktop mode. Flourish type hint: string, defaults to NULL

facet_aspect_custom
Custom. 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL

facet_aspect_breakpoint
Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL

facet_aspect_mobile
Mobile aspect. Choices: 0.75, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

facet_aspect_mobile_custom
Custom. 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL

line_color
Color. Flourish type hint: color, defaults to NULL

line_width
Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL

line_cap	Cap. Choices: butt, round, square. The shape used to draw the end points. Flourish type hint: string, defaults to NULL
events_scale_type	Choices: linear, timescale. Flourish type hint: string, defaults to NULL
background_opacity	Opacity. Flourish type hint: number, defaults to NULL
background_sizing	Sizing. Choices: contain, cover, zoom. Flourish type hint: string, defaults to NULL
background_zoom	Zoom. Sets what size the image should fill the container as a percentage of the container size. Flourish type hint: number, defaults to NULL
background_gradient_size	Size. Flourish type hint: number, defaults to NULL
background_gradient_opacity	Opacity. Flourish type hint: number, defaults to NULL
background_gradient_blur	Blur. Flourish type hint: number, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL
chart_color_scale_categorical_extend	Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL
chart_color_scale_categorical_custom_palette	Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL
chart_color_scale_numeric_type	Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL
chart_color_scale_binning	Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL
chart_color_scale_bin_mode	Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL
chart_color_scale_bin_count	Number of bins. Flourish type hint: number, defaults to NULL
chart_color_scale_bin_thresholds	Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds.

From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_sequential_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_sequential_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_sequential_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_sequential_domain_max
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

marker_size
Size. Flourish type hint: number, defaults to NULL

marker_background_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

marker_background_color_custom
Flourish type hint: color, defaults to NULL

marker_border_width
Size. Flourish type hint: number, defaults to NULL

marker_border_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

marker_border_color_custom
Flourish type hint: color, defaults to NULL

connector_size
Size. Flourish type hint: number, defaults to NULL

connector_space
Space. Sets the area around the markers to keep clear of content containers.
Flourish type hint: number, defaults to NULL

connector_color
Color. Flourish type hint: color, defaults to NULL

connector_opacity
Opacity. Flourish type hint: number, defaults to NULL

content_background_color
Background. Flourish type hint: color, defaults to NULL

content_padding
Padding. Flourish type hint: number, defaults to NULL

content_space_between
Space between. Defines the minimum amount of space between each content container. Flourish type hint: number, defaults to NULL

content_consistent_size
Keep sizes consistent. Flourish type hint: boolean, defaults to NULL

content_border_radius
Radius. Flourish type hint: number, defaults to NULL

individual_borders
Style borders individually. Flourish type hint: boolean, defaults to NULL

content_border_width
Width. Flourish type hint: number, defaults to NULL

content_border_opacity
Opacity. Flourish type hint: number, defaults to NULL

content_border_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_color_custom
Flourish type hint: color, defaults to NULL

content_border_top_width
Width. Flourish type hint: number, defaults to NULL

content_border_top_opacity
Opacity. Flourish type hint: number, defaults to NULL

content_border_top_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_top_color_custom
Flourish type hint: color, defaults to NULL

content_border_right_width
Width. Flourish type hint: number, defaults to NULL

content_border_right_opacity
Opacity. Flourish type hint: number, defaults to NULL

content_border_right_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_right_color_custom
Flourish type hint: color, defaults to NULL

content_border_bottom_width
Width. Flourish type hint: number, defaults to NULL

content_border_bottom_opacity
Opacity. Flourish type hint: number, defaults to NULL

content_border_bottom_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_bottom_color_custom
Flourish type hint: color, defaults to NULL

content_border_left_width
Width. Flourish type hint: number, defaults to NULL

content_border_left_opacity
Opacity. Flourish type hint: number, defaults to NULL

content_border_left_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_border_left_color_custom
Flourish type hint: color, defaults to NULL

content_title_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

content_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

content_title_line_height
Line height. Flourish type hint: number, defaults to NULL

content_title_size
Size. Choices: 1.0, 1.2, custom. Flourish type hint: string, defaults to NULL

content_title_size_custom
Custom. Specify a custom responsive font size. Best results will be with values between 0.8 and 3. Flourish type hint: number, defaults to NULL

content_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

content_title_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_title_color_custom
Flourish type hint: color, defaults to NULL

content_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

content_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

content_subtitle_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

content_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

content_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

content_subtitle_size
Size. Choices: 1.0, 1.2, custom. Flourish type hint: string, defaults to NULL

content_subtitle_size_custom
Custom. Specify a custom responsive font size. Best results will be with values between 0.8 and 3. Flourish type hint: number, defaults to NULL

content_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

content_subtitle_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_subtitle_color_custom
Flourish type hint: color, defaults to NULL

content_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

content_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

content_text_alignment
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

content_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

content_text_line_height
Line height. Flourish type hint: number, defaults to NULL

content_text_size
Size. Choices: 1.0, 1.2, custom. Flourish type hint: string, defaults to NULL

content_text_size_custom
Custom. Specify a custom responsive font size. Best results will be with values between 0.8 and 3. Flourish type hint: number, defaults to NULL

content_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

content_text_color
Color. Choices: data, custom. Flourish type hint: string, defaults to NULL

content_text_color_custom
Flourish type hint: color, defaults to NULL

content_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

content_text_space_above_custom	Custom. Flourish type hint: number, defaults to NULL
link_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
link_color	Color. Flourish type hint: color, defaults to NULL
link_underline	Underline. Flourish type hint: boolean, defaults to NULL
image_location	Location. Choices: none, marker, content. Flourish type hint: string, defaults to NULL
image_opacity	Opacity. Flourish type hint: number, defaults to NULL
image_display	Content display. Choices: float, inline, banner, background. Flourish type hint: string, defaults to NULL
image_sizing	Sizing. Choices: contain, cover, zoom. Flourish type hint: string, defaults to NULL
image_zoom	Zoom. Sets what size the image should fill the container as a percentage of the container size. Flourish type hint: number, defaults to NULL
image_content_sizing	Sizing. Choices: contain, cover, zoom. Flourish type hint: string, defaults to NULL
image_content_zoom	Zoom. Sets what size the image should fill the container as a percentage of the container size. Flourish type hint: number, defaults to NULL
image_float_position	Position. Choices: 1, 2. Flourish type hint: string, defaults to NULL
image_inline_position	Position. Choices: 1, 2, 3. Flourish type hint: string, defaults to NULL
image_alignment	Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL
content_banner_depth	Banner depth. Choices: 2, 4, 6, custom. Flourish type hint: string, defaults to NULL
content_banner_depth_custom	Custom. Flourish type hint: number, defaults to NULL
image_width	Width. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
image_margin	Margin. Flourish type hint: number, defaults to NULL
image_aspect	Aspect ratio. As a multiplier of the images width. For example: a value of 2, means the image height is 2 times the image width. Flourish type hint: number, defaults to NULL
navigation_step_type	Step by. Choices: screen, event. Determines by which measure the timeline is approximately moved each time the navigation buttons are clicked. Flourish type hint: string, defaults to NULL
navigation_screen_proportion	Proportion. Flourish type hint: number, defaults to NULL

navigation_event_number
Number. Flourish type hint: number, defaults to NULL

navigation_icon_type
Icon. Choices: default, custom. Flourish type hint: string, defaults to NULL

navigation_icon_size
Size. Flourish type hint: number, defaults to NULL

navigation_icon_opacity
Opacity. Flourish type hint: number, defaults to NULL

navigation_icon_custom
Custom icon. Flourish type hint: url, defaults to NULL

navigation_icon_color
Color. Flourish type hint: color, defaults to NULL

navigation_gradient_color
Color. If undefined the color will default to the background of the visualization.
Flourish type hint: color, defaults to NULL

navigation_gradient_width
Width. Flourish type hint: number, defaults to NULL

navigation_gradient_opacity
Opacity. Flourish type hint: number, defaults to NULL

chart_x_axis_axis_position
Position. Choices: bottom, top, hidden. Flourish type hint: string, defaults to NULL

chart_x_axis_y_axis_position
Y value. Vertical position of the X axis on the Y scale. Flourish type hint: string, defaults to NULL

chart_x_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_x_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_x_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_x_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_x_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_x_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_x_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_x_axis_nice
Round min/max. Choices: TRUE, FALSE. Enabling this option rounds the X axis start and end values to tidy numbers, such as 0, 50, 100 or whole years. Specified min and max values will override this feature. Flourish type hint: boolean, defaults to NULL

chart_x_axis_zero_axis
Include zero. Choices: auto, on, off. Enable to extend the axis to include zero, even when data is all positive or all negative. This is ignored if you set specific min and max scale values. Flourish type hint: string, defaults to NULL

chart_x_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_x_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_x_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_title_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_title_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_title_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_position
Position. Choices: default, left, right. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_x_axis_tick_label_size
Size. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_color
Color. Flourish type hint: color, defaults to NULL

chart_x_axis_tick_padding
Padding. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_angle
Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_max_lines
Max lines. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_x_axis_tick_label_space_mode
Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL

chart_x_axis_tick_label_space	Space. Flourish type hint: number, defaults to NULL
chart_x_axis_tick_mode	Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL
chart_x_axis_tick_number	Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL
chart_x_axis_tick_custom	One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL
chart_x_axis_line_and_tick_color	Line color. Flourish type hint: color, defaults to NULL
chart_x_axis_line_and_tick_width	Line width. Flourish type hint: number, defaults to NULL
chart_x_axis_tick_length	Tick length. Flourish type hint: number, defaults to NULL
chart_x_axis_tick_side	Tick side. Choices: out, in. Flourish type hint: string, defaults to NULL
chart_x_axis_line_visible	Axis line. Flourish type hint: boolean, defaults to NULL
chart_x_axis_edge_padding	Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL
chart_x_axis_gridlines_visible	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_x_axis_gridlines_styling	Styling. Flourish type hint: boolean, defaults to NULL
chart_x_axis_gridline_color	Color. Flourish type hint: color, defaults to NULL
chart_x_axis_gridline_style	Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL
chart_x_axis_gridline_width	Width. Flourish type hint: number, defaults to NULL
chart_x_axis_gridline_category_dividers	Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Flourish type hint: boolean, defaults to NULL

chart_x_axis_gridline_category_dividers_extend
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_y_axis_axis_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_numeric_scale_type
Type. Choices: linear, log. Flourish type hint: string, defaults to NULL

chart_y_axis_linear_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_linear_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_log_min
Min. Flourish type hint: number, defaults to NULL

chart_y_axis_log_max
Max. Flourish type hint: number, defaults to NULL

chart_y_axis_datetime_min
Min (date). Flourish type hint: string, defaults to NULL

chart_y_axis_datetime_max
Max (date). Flourish type hint: string, defaults to NULL

chart_y_axis_flip
Flip axis. Flourish type hint: boolean, defaults to NULL

chart_y_axis_show_scale_settings
Configure default min/max. Flourish type hint: boolean, defaults to NULL

chart_y_axis_nice
Round min/max. Choices: TRUE, FALSE. When enabled, scales automatically extend to "nice" rounded start/end values, such as hundreds or whole years. Flourish type hint: boolean, defaults to NULL

chart_y_axis_zero_axis
Include zero. Choices: auto, on, off. Whether to extend the axis to include zero if the data values are all positive or all negative. Flourish type hint: string, defaults to NULL

chart_y_axis_title_mode
Type. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_y_axis_title
Text. Flourish type hint: string, defaults to NULL

chart_y_axis_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_title_position
Position. Choices: side, end. Flourish type hint: string, defaults to NULL

chart_y_axis_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_y_axis_title_color
Color. Flourish type hint: color, defaults to NULL

chart_y_axis_title_size
Size. Flourish type hint: number, defaults to NULL

chart_y_axis_title_padding	Padding. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_label_position	Position. Choices: default, above, below. Flourish type hint: string, defaults to NULL
chart_y_axis_tick_label_styling	Styling. Flourish type hint: boolean, defaults to NULL
chart_y_axis_tick_label_size	Size. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_label_color	Color. Flourish type hint: color, defaults to NULL
chart_y_axis_tick_padding	Padding. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_label_angle	Angle. Choices: 0, 30, 45, 60, 90. Flourish type hint: string, defaults to NULL
chart_y_axis_tick_label_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
chart_y_axis_tick_label_max_lines	Max lines. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_label_line_height	Line height. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_label_space_mode	Space mode. Choices: auto, max, fixed. Flourish type hint: string, defaults to NULL
chart_y_axis_tick_label_space	Space. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_mode	Mode. Choices: auto, number, custom. Sets the method for selecting tick values on the axis: Auto automatically selects the ticks Number allows you to choose the number of ticks to display. Custom lets you select specific ticks to show. Note: If the axis is categorical, Number mode is ignored. Flourish type hint: string, defaults to NULL
chart_y_axis_tick_number	Number. Approximate number of ticks or gridlines. The actual number will depend on the range of values, chart size, etc. Flourish type hint: number, defaults to NULL
chart_y_axis_tick_custom	One tick label per line. Specify the ticks to show, one per line. For dates, use the input format as specified in the datasheet. You can also use {{FIRST}} and {{LAST}} to add ticks at the minimum and maximum of the axis. For example: {{FIRST}} 25000 50000 75000 {{LAST}}. Flourish type hint: text, defaults to NULL
chart_y_axis_line_and_tick_color	Line color. Flourish type hint: color, defaults to NULL
chart_y_axis_line_and_tick_width	Line width. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_length
Tick length. Flourish type hint: number, defaults to NULL

chart_y_axis_tick_side
Side. Choices: out, in. Flourish type hint: string, defaults to NULL

chart_y_axis_line_visible
Axis line. Flourish type hint: boolean, defaults to NULL

chart_y_axis_edge_padding
Edge padding (%). Space between start/end of axis line and first/last category tick as a percentage of the spacing between ticks. Flourish type hint: number, defaults to NULL

chart_y_axis_gridlines_visible
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridlines_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_color
Color. Flourish type hint: color, defaults to NULL

chart_y_axis_gridline_style
Style. Choices: solid, dash, dot, dot_dash. Flourish type hint: string, defaults to NULL

chart_y_axis_gridline_width
Width. Flourish type hint: number, defaults to NULL

chart_y_axis_gridline_category_dividers
Put lines between categories. On a categorical axis, this option disables the gridline on each tick and instead adds rules between each category to give a table-like design. Ignored for date and numeric axes. Flourish type hint: boolean, defaults to NULL

chart_y_axis_gridline_category_dividers_extend
Extend. Extends the dividers into the axis margins. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_show_legend
Legend mode. Choices: TRUE, FALSE. A legend will not show with a single entry. Flourish type hint: boolean, defaults to NULL

chart_categorical_legend_title_mode
Title mode. Choices: auto, custom. Flourish type hint: string, defaults to NULL

chart_categorical_legend_title
Title. Flourish type hint: string, defaults to NULL

chart_categorical_legend_swatch_width
Width. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_height
Height. Flourish type hint: number, defaults to NULL

chart_categorical_legend_swatch_radius
Roundness. The radius of the corners of the swatch (in pixels). Flourish type hint: number, defaults to NULL

chart_categorical_legend_legend_items_padding
Padding. Padding between legend items (in rems). Flourish type hint: number, defaults to NULL

- `chart_categorical_legend_swatch_outline`
Outline. An optional outline for the swatch in the legend. Flourish type hint: boolean, defaults to NULL
- `chart_categorical_legend_swatch_outline_color`
Color. Flourish type hint: color, defaults to NULL
- `chart_categorical_legend_order_override`
Custom order override. Manually specify the order of legend entries (one entry per line). Flourish type hint: text, defaults to NULL
- `chart_categorical_legend_icon_height`
Height. Height of icon (in rems). Flourish type hint: number, defaults to NULL
- `chart_categorical_legend_icon_color`
Color. Fallback color (icon color if not determined by template). Flourish type hint: color, defaults to NULL
- `chart_categorical_legend_max_width`
Max width. Flourish type hint: number, defaults to NULL
- `chart_categorical_legend_orientation`
Orientation. Choices: horizontal, vertical. Flourish type hint: string, defaults to NULL
- `chart_layout_body_font`
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL
- `chart_layout_font_color`
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL
- `chart_layout_background_color_enabled`
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
- `chart_layout_background_image_enabled`
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
- `chart_layout_background_color`
Background color. Flourish type hint: color, defaults to NULL
- `chart_layout_background_image_src`
Image URL. Flourish type hint: url, defaults to NULL
- `chart_layout_background_image_size`
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL
- `chart_layout_background_image_position`
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL
- `chart_layout_max_width_target`
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "timeline", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_timeline_data(gapminder) |>  
  set_timeline_details()  
)
```

set_tournament_details

Set tournament chart details

Description

Set tournament chart details

Usage

```
set_tournament_details(  
  ``,  
  min_round_width_mode = NULL,  
  min_round_width_fixed = NULL,  
  inner_padding_vertical = NULL,  
  inner_padding_horizontal = NULL,  
  link_width = NULL,  
  outer_padding = NULL,  
  winning_team_color = NULL,  
  losing_team_color = NULL,  
  upcoming_fill_color = NULL,  
  boxes_stroke_color = NULL,  
  boxes_stroke_width = NULL,  
  boxes_roundness = NULL,  
  winning_team_text_color = NULL,  
  losing_team_text_color = NULL,  
  font_size = NULL,  
  text_weight_mode = NULL,  
  link_thickness = NULL,  
  link_color = NULL,  
  link_radius = NULL,  
  image_size = NULL,  
  image_scale = NULL,  
  image_zoom = NULL,  
  image_shape = NULL,  
  headings_enabled = NULL,
```

```
headings_size = NULL,  
headings_padding = NULL,  
headings_color = NULL,  
headings_weight = NULL,  
headings_position = NULL,  
navigation_icon_position = NULL,  
navigation_icon_mode = NULL,  
navigation_icon_upload = NULL,  
navigation_icon_size = NULL,  
navigation_icon_color = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,
```

```
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,  
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
popup_header_separator = NULL,  
animation_duration = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,
```

```
chart_layout_font_size_big_screen = NULL,
chart_layout_breakpoint_mobile_small = NULL,
chart_layout_breakpoint_mobile_big = NULL,
chart_layout_breakpoint_tablet = NULL,
chart_layout_breakpoint_desktop = NULL,
chart_layout_breakpoint_big_screen = NULL,
chart_layout_header_align = NULL,
chart_layout_title = NULL,
chart_layout_title_styling = NULL,
chart_layout_title_font = NULL,
chart_layout_title_size = NULL,
chart_layout_title_size_custom = NULL,
chart_layout_title_weight = NULL,
chart_layout_title_color = NULL,
chart_layout_title_line_height = NULL,
chart_layout_title_space_above = NULL,
chart_layout_title_space_above_custom = NULL,
chart_layout_subtitle = NULL,
chart_layout_subtitle_styling = NULL,
chart_layout_subtitle_font = NULL,
chart_layout_subtitle_size = NULL,
chart_layout_subtitle_size_custom = NULL,
chart_layout_subtitle_weight = NULL,
chart_layout_subtitle_color = NULL,
chart_layout_subtitle_line_height = NULL,
chart_layout_subtitle_space_above = NULL,
chart_layout_subtitle_space_above_custom = NULL,
chart_layout_header_text = NULL,
chart_layout_header_text_styling = NULL,
chart_layout_header_text_size = NULL,
chart_layout_header_text_size_custom = NULL,
chart_layout_header_text_weight = NULL,
chart_layout_header_text_color = NULL,
chart_layout_header_text_line_height = NULL,
chart_layout_header_text_space_above = NULL,
chart_layout_header_text_space_above_custom = NULL,
chart_layout_header_border = NULL,
chart_layout_header_border_width = NULL,
chart_layout_header_border_color = NULL,
chart_layout_header_border_style = NULL,
chart_layout_header_border_space = NULL,
chart_layout_header_logo_enabled = NULL,
chart_layout_header_logo_src = NULL,
chart_layout_header_logo_alt = NULL,
chart_layout_header_logo_link_url = NULL,
chart_layout_header_logo_height = NULL,
chart_layout_header_logo_align = NULL,
chart_layout_header_logo_position_inside = NULL,
```



```

chart_layout_header_logo_position_outside = NULL,
chart_layout_header_logo_margin_top = NULL,
chart_layout_header_logo_margin_right = NULL,
chart_layout_header_logo_margin_bottom = NULL,
chart_layout_header_logo_margin_left = NULL,
chart_layout_footer_align = NULL,
chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.

The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).

min_round_width_mode

Width mode. Choices: auto, fixed. Auto mode sets round width to the smallest it can be while still fitting text content. In Fixed mode you can choose a fixed

	minimum round width (text will be ellipsed if it does not fit). Flourish type hint: string, defaults to NULL
min_round_width_fixed	Min stage width. The minimum width given to a specific stage (e.g. Quarterfinals), specified in px. Flourish type hint: number, defaults to NULL
inner_padding_vertical	Box height. Flourish type hint: number, defaults to NULL
inner_padding_horizontal	Box padding. Horizontal space on sides of box. Flourish type hint: number, defaults to NULL
link_width	Horizontal space. Horizontal space between stages. Flourish type hint: number, defaults to NULL
outer_padding	Vertical space. Vertical space between stages. Flourish type hint: number, defaults to NULL
winning_team_color	Winning team. Flourish type hint: color, defaults to NULL
losing_team_color	Losing team. Flourish type hint: color, defaults to NULL
upcoming_fill_color	Upcoming match. Flourish type hint: color, defaults to NULL
boxes_stroke_color	Outline color. Flourish type hint: color, defaults to NULL
boxes_stroke_width	Outline width. Flourish type hint: number, defaults to NULL
boxes_roundness	Roundness. Flourish type hint: number, defaults to NULL
winning_team_text_color	Winning team. Flourish type hint: color, defaults to NULL
losing_team_text_color	Losing team. Flourish type hint: color, defaults to NULL
font_size	Size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
text_weight_mode	Weight. Choices: winner_bold, regular, bold. Flourish type hint: string, defaults to NULL
link_thickness	Thickness. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
link_color	Color. Flourish type hint: color, defaults to NULL
link_radius	Roundness. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
image_size	Size. Specified as a % of the box for that match. Flourish type hint: number, defaults to NULL

image_scale	Scale. Choices: contain, cover, zoom. Fill will not preserve the aspect ratio of images but stretch them to fill the area. Fit and Zoom both preserve the aspect ratio of images, but Fit ensures none of the image is cut off. Flourish type hint: string, defaults to NULL
image_zoom	Zoom. Sets what size the image should fill the container as a percentage of the container size. Flourish type hint: number, defaults to NULL
image_shape	Shape. Choices: circle, square. Flourish type hint: string, defaults to NULL
headings_enabled	Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
headings_size	Size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
headings_padding	Padding. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
headings_color	Color. Flourish type hint: color, defaults to NULL
headings_weight	Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL
headings_position	Position. Choices: middle, start. Flourish type hint: string, defaults to NULL
navigation_icon_position	Position. Choices: start, center, end. Flourish type hint: string, defaults to NULL
navigation_icon_mode	Type. Choices: arrow, custom. Flourish type hint: string, defaults to NULL
navigation_icon_upload	Upload icon. Upload a right-facing icon (your icon will be rotated for the left side). Flourish type hint: url, defaults to NULL
navigation_icon_size	Size. In rems, a multiple of the pages base font size. Flourish type hint: number, defaults to NULL
navigation_icon_color	Color. Flourish type hint: color, defaults to NULL
chart_popup_mode	Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL
chart_popup_popup_is_custom	Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_popup_show_popup_styles	Show popup styles. Flourish type hint: boolean, defaults to NULL
chart_popup_popup_custom_header	Popup custom header. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using <code>{{#if column_name}}Content for non-empty column</code> . For example: <code>{{#if Capital name}}Capital:{{/if}} {{Capital name}}</code> . Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

`chart_popup_popup_custom_main`
 Popup custom main content. Use `{{column_name}}` to add a value from your data. Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: `html`, defaults to `NULL`

`chart_popup_popup_custom_accessible`
 Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an `aria-label` attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}, Population: {{Population}}, GDP: {{GDP}}`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: `text`, defaults to `NULL`

`chart_popup_popup_width`
 Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_font_size`
 Text size. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_text_color`
 Text color. Flourish type hint: `color`, defaults to `NULL`

`chart_popup_popup_align`
 Align. Choices: `start`, `center`, `end`. Flourish type hint: `string`, defaults to `NULL`

`chart_popup_popup_background`
 Fill color. Flourish type hint: `color`, defaults to `NULL`

`chart_popup_popup_background_opacity`
 Fill opacity. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_padding`
 Padding. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_radius`
 Radius. Corner radius of popup. Flourish type hint: `number`, defaults to `NULL`

`chart_popup_popup_header_type`
 Header style. Choices: `block`, `inline`. Flourish type hint: `string`, defaults to `NULL`

`chart_popup_popup_header_background`
 Background. Flourish type hint: `color`, defaults to `NULL`

`chart_popup_popup_header_text_color`
 Text. Flourish type hint: `color`, defaults to `NULL`

`chart_popup_popup_list_type`
 List type. Choices: `table`, `ul`. Flourish type hint: `string`, defaults to `NULL`

`chart_popup_popup_list_label_weight`
 Label weight. Choices: `normal`, `bold`. Flourish type hint: `string`, defaults to `NULL`

`chart_popup_popup_list_separator`
 List separator. Choices: `:`, `,`, `
`. Flourish type hint: `string`, defaults to `NULL`

chart_popup_popup_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

chart_popup_popup_pointer
Pointer. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_position
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

chart_popup_panel_open_duration
Open duration. Flourish type hint: number, defaults to NULL

chart_popup_panel_side_fixed
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content
Placeholder content. Flourish type hint: text, defaults to NULL

chart_popup_panel_is_custom
Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_popup_show_panel_styles
Show panel styles. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_custom_header
Panel custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_custom_main
Panel custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using `{{#if column_name}}Content for non-empty column_name{{/if}}`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL

chart_popup_panel_width_overlay
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_overlay
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_width_side
Width (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_height_side
Height (%). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_width
Max width (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_max_height
Max height (px). Flourish type hint: number, defaults to NULL

chart_popup_panel_vertical_position
Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL

chart_popup_panel_text_color
Text color. Flourish type hint: color, defaults to NULL

chart_popup_panel_font_size
Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align
Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL

chart_popup_panel_background
Fill color. Flourish type hint: color, defaults to NULL

chart_popup_panel_background_opacity
Fill opacity. Flourish type hint: number, defaults to NULL

chart_popup_panel_padding
Padding. Flourish type hint: number, defaults to NULL

chart_popup_panel_radius
Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL

chart_popup_panel_list_type
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_label_weight
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

chart_popup_panel_list_separator
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

chart_popup_panel_shadow
Shadow. Flourish type hint: boolean, defaults to NULL

popup_header_separator
Header separator. Flourish type hint: string, defaults to NULL

animation_duration
Duration. The duration, in seconds, of intro animation. Flourish type hint: number, defaults to NULL

chart_layout_body_font
Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL

chart_layout_font_color
Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL

chart_layout_background_color_enabled
Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_image_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_background_color
Background color. Flourish type hint: color, defaults to NULL

chart_layout_background_image_src
Image URL. Flourish type hint: url, defaults to NULL

chart_layout_background_image_size
Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL

chart_layout_background_image_position
Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL

chart_layout_max_width_target
Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
 Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
 Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
 Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
 Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
 Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
 Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
 Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
 Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
 Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
 Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
 Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
 Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
 Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
 Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
 Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
 Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
 Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
 Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
 Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
 Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
 Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
 Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
 Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
 Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
 Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
 Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
 Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
 Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
 Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
 Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
 Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
 V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
 Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
 Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
 Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
 Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
 Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

`chart_layout_screenreader_text_primary`
 Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

`chart_layout_screenreader_label`
 Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

`chart_layout_screenreader_hide_primary`
 Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(
  flourish(chart_type = "tournament", api_key = Sys.getenv("FLOURISH_API_KEY")) |>
  bind_tournament_data(gapminder) |>
  set_tournament_details()
)
```

`set_word_cloud_details`

Set word cloud chart details

Description

Set word cloud chart details

Usage

```
set_word_cloud_details(
  .,
  using_tables = NULL,
  word_limit = NULL,
  raw_text = NULL,
  exclusions = NULL,
  excluded_words = NULL,
  strip_trailing_s = NULL,
  convert_to_lowercase = NULL,
  cloud_font = NULL,
  text_color = NULL,
```

```
word_padding = NULL,  
random_seed = NULL,  
angle_min = NULL,  
angle_max = NULL,  
angle_number = NULL,  
font_size_min = NULL,  
font_size_max = NULL,  
size_mode = NULL,  
height_mode = NULL,  
aspect_ratio = NULL,  
aspect_ratio_mobile = NULL,  
aspect_ratio_breakpoint = NULL,  
chart_color_scale_categorical_palette = NULL,  
chart_color_scale_categorical_extend = NULL,  
chart_color_scale_categorical_custom_palette = NULL,  
chart_color_scale_numeric_type = NULL,  
chart_color_scale_binning = NULL,  
chart_color_scale_bin_mode = NULL,  
chart_color_scale_bin_count = NULL,  
chart_color_scale_bin_thresholds = NULL,  
chart_color_scale_sequential_palette = NULL,  
chart_color_scale_sequential_reverse = NULL,  
chart_color_scale_sequential_custom_min = NULL,  
chart_color_scale_sequential_custom_max = NULL,  
chart_color_scale_sequential_color_space = NULL,  
chart_color_scale_sequential_custom_domain = NULL,  
chart_color_scale_sequential_domain_min = NULL,  
chart_color_scale_sequential_domain_max = NULL,  
chart_color_scale_diverging_palette = NULL,  
chart_color_scale_diverging_reverse = NULL,  
chart_color_scale_diverging_custom_min = NULL,  
chart_color_scale_diverging_custom_mid = NULL,  
chart_color_scale_diverging_custom_max = NULL,  
chart_color_scale_diverging_color_space = NULL,  
chart_color_scale_diverging_custom_domain = NULL,  
chart_color_scale_diverging_domain_min = NULL,  
chart_color_scale_diverging_domain_mid = NULL,  
chart_color_scale_diverging_domain_max = NULL,  
animation_type = NULL,  
duration = NULL,  
stagger = NULL,  
chart_number_date_format_prefix = NULL,  
chart_number_date_format_suffix = NULL,  
chart_number_date_format_n_dec = NULL,  
chart_number_date_format_advanced = NULL,  
chart_number_date_format_negative_sign = NULL,  
chart_number_date_format_strip_zeros = NULL,  
chart_number_date_format_strip_separator = NULL,
```

```
chart_number_date_format_transform_labels = NULL,  
chart_number_date_format_transform = NULL,  
chart_number_date_format_multiply_divide_constant = NULL,  
chart_number_date_format_exponentiate_constant = NULL,  
chart_number_localization_input_decimal_separator = NULL,  
chart_number_localization_output_separators = NULL,  
chart_popup_mode = NULL,  
chart_popup_popup_is_custom = NULL,  
chart_popup_show_popup_styles = NULL,  
chart_popup_popup_custom_header = NULL,  
chart_popup_popup_custom_main = NULL,  
chart_popup_popup_custom_accessible = NULL,  
chart_popup_popup_width = NULL,  
chart_popup_popup_font_size = NULL,  
chart_popup_popup_text_color = NULL,  
chart_popup_popup_align = NULL,  
chart_popup_popup_background = NULL,  
chart_popup_popup_background_opacity = NULL,  
chart_popup_popup_padding = NULL,  
chart_popup_popup_radius = NULL,  
chart_popup_popup_header_type = NULL,  
chart_popup_popup_header_background = NULL,  
chart_popup_popup_header_text_color = NULL,  
chart_popup_popup_list_type = NULL,  
chart_popup_popup_list_label_weight = NULL,  
chart_popup_popup_list_separator = NULL,  
chart_popup_popup_shadow = NULL,  
chart_popup_popup_pointer = NULL,  
chart_popup_panel_position = NULL,  
chart_popup_panel_open_duration = NULL,  
chart_popup_panel_side_fixed = NULL,  
chart_popup_panel_side_default_content = NULL,  
chart_popup_panel_is_custom = NULL,  
chart_popup_show_panel_styles = NULL,  
chart_popup_panel_custom_header = NULL,  
chart_popup_panel_custom_main = NULL,  
chart_popup_panel_width_overlay = NULL,  
chart_popup_panel_height_overlay = NULL,  
chart_popup_panel_width_side = NULL,  
chart_popup_panel_height_side = NULL,  
chart_popup_panel_max_width = NULL,  
chart_popup_panel_max_height = NULL,  
chart_popup_panel_vertical_position = NULL,  
chart_popup_panel_text_color = NULL,  
chart_popup_panel_font_size = NULL,  
chart_popup_panel_align = NULL,  
chart_popup_panel_background = NULL,  
chart_popup_panel_background_opacity = NULL,
```

```
chart_popup_panel_padding = NULL,  
chart_popup_panel_radius = NULL,  
chart_popup_panel_list_type = NULL,  
chart_popup_panel_list_label_weight = NULL,  
chart_popup_panel_list_separator = NULL,  
chart_popup_panel_shadow = NULL,  
chart_layout_body_font = NULL,  
chart_layout_font_color = NULL,  
chart_layout_background_color_enabled = NULL,  
chart_layout_background_image_enabled = NULL,  
chart_layout_background_color = NULL,  
chart_layout_background_image_src = NULL,  
chart_layout_background_image_size = NULL,  
chart_layout_background_image_position = NULL,  
chart_layout_max_width_target = NULL,  
chart_layout_max_width = NULL,  
chart_layout_max_width_align = NULL,  
chart_layout_layout_order = NULL,  
chart_layout_space_between_sections = NULL,  
chart_layout_space_between_sections_custom = NULL,  
chart_layout_margin_top = NULL,  
chart_layout_margin_right = NULL,  
chart_layout_margin_bottom = NULL,  
chart_layout_margin_left = NULL,  
chart_layout_border_enabled = NULL,  
chart_layout_border_top_width = NULL,  
chart_layout_border_top_style = NULL,  
chart_layout_border_top_color = NULL,  
chart_layout_border_right_width = NULL,  
chart_layout_border_right_style = NULL,  
chart_layout_border_right_color = NULL,  
chart_layout_border_bottom_width = NULL,  
chart_layout_border_bottom_style = NULL,  
chart_layout_border_bottom_color = NULL,  
chart_layout_border_left_width = NULL,  
chart_layout_border_left_style = NULL,  
chart_layout_border_left_color = NULL,  
chart_layout_read_direction = NULL,  
chart_layout_font_size_mobile_small = NULL,  
chart_layout_font_size_mobile_big = NULL,  
chart_layout_font_size_tablet = NULL,  
chart_layout_font_size_desktop = NULL,  
chart_layout_font_size_big_screen = NULL,  
chart_layout_breakpoint_mobile_small = NULL,  
chart_layout_breakpoint_mobile_big = NULL,  
chart_layout_breakpoint_tablet = NULL,  
chart_layout_breakpoint_desktop = NULL,  
chart_layout_breakpoint_big_screen = NULL,
```



```
chart_layout_header_align = NULL,  
chart_layout_title = NULL,  
chart_layout_title_styling = NULL,  
chart_layout_title_font = NULL,  
chart_layout_title_size = NULL,  
chart_layout_title_size_custom = NULL,  
chart_layout_title_weight = NULL,  
chart_layout_title_color = NULL,  
chart_layout_title_line_height = NULL,  
chart_layout_title_space_above = NULL,  
chart_layout_title_space_above_custom = NULL,  
chart_layout_subtitle = NULL,  
chart_layout_subtitle_styling = NULL,  
chart_layout_subtitle_font = NULL,  
chart_layout_subtitle_size = NULL,  
chart_layout_subtitle_size_custom = NULL,  
chart_layout_subtitle_weight = NULL,  
chart_layout_subtitle_color = NULL,  
chart_layout_subtitle_line_height = NULL,  
chart_layout_subtitle_space_above = NULL,  
chart_layout_subtitle_space_above_custom = NULL,  
chart_layout_header_text = NULL,  
chart_layout_header_text_styling = NULL,  
chart_layout_header_text_size = NULL,  
chart_layout_header_text_size_custom = NULL,  
chart_layout_header_text_weight = NULL,  
chart_layout_header_text_color = NULL,  
chart_layout_header_text_line_height = NULL,  
chart_layout_header_text_space_above = NULL,  
chart_layout_header_text_space_above_custom = NULL,  
chart_layout_header_border = NULL,  
chart_layout_header_border_width = NULL,  
chart_layout_header_border_color = NULL,  
chart_layout_header_border_style = NULL,  
chart_layout_header_border_space = NULL,  
chart_layout_header_logo_enabled = NULL,  
chart_layout_header_logo_src = NULL,  
chart_layout_header_logo_alt = NULL,  
chart_layout_header_logo_link_url = NULL,  
chart_layout_header_logo_height = NULL,  
chart_layout_header_logo_align = NULL,  
chart_layout_header_logo_position_inside = NULL,  
chart_layout_header_logo_position_outside = NULL,  
chart_layout_header_logo_margin_top = NULL,  
chart_layout_header_logo_margin_right = NULL,  
chart_layout_header_logo_margin_bottom = NULL,  
chart_layout_header_logo_margin_left = NULL,  
chart_layout_footer_align = NULL,
```

```

chart_layout_footer_text_size = NULL,
chart_layout_footer_text_color = NULL,
chart_layout_footer_styling = NULL,
chart_layout_footer_font = NULL,
chart_layout_footer_text_weight = NULL,
chart_layout_source_name = NULL,
chart_layout_source_url = NULL,
chart_layout_multiple_sources = NULL,
chart_layout_source_name_2 = NULL,
chart_layout_source_url_2 = NULL,
chart_layout_source_name_3 = NULL,
chart_layout_source_url_3 = NULL,
chart_layout_source_label = NULL,
chart_layout_footer_note = NULL,
chart_layout_footer_note_secondary = NULL,
chart_layout_advanced_note_styling = NULL,
chart_layout_footer_timestamp_format = NULL,
chart_layout_footer_logo_enabled = NULL,
chart_layout_footer_logo_src = NULL,
chart_layout_footer_logo_src_light = NULL,
chart_layout_footer_logo_alt = NULL,
chart_layout_footer_logo_link_url = NULL,
chart_layout_footer_logo_height = NULL,
chart_layout_footer_logo_margin = NULL,
chart_layout_footer_logo_order = NULL,
chart_layout_footer_align_vertical = NULL,
chart_layout_footer_border = NULL,
chart_layout_footer_border_width = NULL,
chart_layout_footer_border_color = NULL,
chart_layout_footer_border_style = NULL,
chart_layout_footer_border_space = NULL,
chart_layout_screenreader_text_primary = NULL,
chart_layout_screenreader_label = NULL,
chart_layout_screenreader_hide_primary = NULL
)

```

Arguments

.	The prior Flourish object. No need to specify name if piping graph as the graph will take the first argument (i.e. the prior existing graph).
using_tables	Text input. Choices: FALSE, TRUE. Pasting in raw text is simplest but may be slow for large amounts of text. Flourish type hint: boolean, defaults to NULL
word_limit	Word limit. Limits the number of words, in order of frequency. Leave blank to show all words in the data table. Flourish type hint: number, defaults to NULL
raw_text	Text. Note that the raw text will be available in the HTML of the generated page. This occurs when using both Paste in raw text and Datasheet options. Flourish type hint: text, defaults to NULL
exclusions	Exclude common words. Flourish type hint: boolean, defaults to NULL

excluded_words	Exclude words. Flourish type hint: text, defaults to NULL
strip_trailing_s	Strip all trailing “s” from words. e.g. "mother" and "mothers" are considered one word. This includes both apostrophe and quotation mark forms (s and s). Flourish type hint: boolean, defaults to NULL
convert_to_lowercase	Convert all words to lowercase. e.g. "mother" and "Mother" are considered one word. This will also apply to the words in the Exclude words setting. Flourish type hint: boolean, defaults to NULL
cloud_font	Font. Flourish type hint: font, defaults to NULL
text_color	Text color. Flourish type hint: color, defaults to NULL
word_padding	Spacing. Spacing between the words (in arbitrary units). Flourish type hint: number, defaults to NULL
random_seed	Layout number. Change the number to try different word layouts. Flourish type hint: number, defaults to NULL
angle_min	Min angle. Flourish type hint: number, defaults to NULL
angle_max	Max angle. Flourish type hint: number, defaults to NULL
angle_number	Number of angles. Flourish type hint: number, defaults to NULL
font_size_min	Min size. In arbitrary units. Actual display size will depend in screen size and layout. Flourish type hint: number, defaults to NULL
font_size_max	Max size. In arbitrary units. Actual display size will depend in screen size and layout. Flourish type hint: number, defaults to NULL
size_mode	Scaling. Choices: linear, sqrt, log. This scale will determine the relationship in size between the biggest and the smallest word. Flourish type hint: string, defaults to NULL
height_mode	Height mode. Choices: fill_space, aspect. In Fill space mode, the graphic will fill the container (which by default will be the standard Flourish responsive chart size). In Aspect ratio mode, you set the aspect ratio of the plot, and the container will be updated to accommodate it. This setting is ignored when embedded in a fixed-height context, such as a simple iframe embed Flourish type hint: string, defaults to NULL
aspect_ratio	Aspect (desktop). Aspect ratio of each plot in desktop mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
aspect_ratio_mobile	Aspect (mobile). Aspect ratio of each plot in mobile mode, where 1 is square, above 1 is wider, and below 1 is taller. Flourish type hint: number, defaults to NULL
aspect_ratio_breakpoint	Breakpoint. The width at which mobile mode ends and desktop begins. Flourish type hint: number, defaults to NULL
chart_color_scale_categorical_palette	Palette. Flourish type hint: colors, defaults to NULL

`chart_color_scale_categorical_extend`
Extend. Automatically generate additional colours when needed to avoid the palette colours being used more than once. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_categorical_custom_palette`
Custom overrides. Enter the label name for which you wish to set the color, followed by a colon and the desired color value. Colors can be set using Hex, RGB, color names or RGBA, if you want to set the opacity Multiple colors can be set using multiple lines. For example: Party 1: red Party 2: #4455AA Party 3: rgb(30,168,26). Flourish type hint: text, defaults to NULL

`chart_color_scale_numeric_type`
Scale type. Choices: sequential, diverging. Flourish type hint: string, defaults to NULL

`chart_color_scale_binning`
Choices: FALSE, TRUE. In linear mode, the color scale will run as a smooth gradient between 2 colors. In binned mode, the gradient will be divided in smaller blocks. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_bin_mode`
Binning mode. Choices: fixed, quantile, custom. Flourish type hint: string, defaults to NULL

`chart_color_scale_bin_count`
Number of bins. Flourish type hint: number, defaults to NULL

`chart_color_scale_bin_thresholds`
Custom thresholds. Enter your desired thresholds, separating them with a ";". For instance, "5;10;15". Bins form as follows: From the datas minimum value (domain minimum) up to the first threshold. Between consecutive thresholds. From the last threshold to the datas maximum value (domain maximum). For "5;10;15", youll get four bins based on your datas range. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_palette`
Palette. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_reverse`
Reverse. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_custom_min`
Minimum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_custom_max`
Maximum color. Flourish type hint: color, defaults to NULL

`chart_color_scale_sequential_color_space`
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

`chart_color_scale_sequential_custom_domain`
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

`chart_color_scale_sequential_domain_min`
Min. Flourish type hint: number, defaults to NULL

`chart_color_scale_sequential_domain_max`
Max. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_palette
Palette. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_reverse
Reverse. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_custom_min
Minimum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_mid
Midpoint color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_custom_max
Maximum color. Flourish type hint: color, defaults to NULL

chart_color_scale_diverging_color_space
Color space. Choices: rgb, lab, hcl, hsl. Flourish type hint: string, defaults to NULL

chart_color_scale_diverging_custom_domain
Domain. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL

chart_color_scale_diverging_domain_min
Min. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_mid
Mid. Flourish type hint: number, defaults to NULL

chart_color_scale_diverging_domain_max
Max. Flourish type hint: number, defaults to NULL

animation_type Animation style. Choices: auto, fade, grow, none. Controls the animation on load. Auto mode will use Grow if there are fewer than 100 words visible, Fade if there are fewer than 500, and None if there are 500 or more. Flourish type hint: string, defaults to NULL

duration Duration. The time in seconds it takes for an individual word to move from the start position to end position. Flourish type hint: number, defaults to NULL

stagger Stagger. The time in seconds between the first and last word animations starting. Flourish type hint: number, defaults to NULL

chart_number_date_format_prefix
Prefix. Text to place in front of number. Flourish type hint: string, defaults to NULL

chart_number_date_format_suffix
Suffix. Text to place after number. Flourish type hint: string, defaults to NULL

chart_number_date_format_n_dec
Decimal places. Enter a negative integer to round to a whole number with that many zeros. For example, -2 will round to the nearest hundred. Flourish type hint: number, defaults to NULL

chart_number_date_format_advanced
Advanced. Flourish type hint: boolean, defaults to NULL

chart_number_date_format_negative_sign
Styling of negative numbers. Choices: -\$nk, \$-nk, (\$nk), \$(n)k, none. Flourish type hint: string, defaults to NULL

chart_number_date_format_strip_zeros
Remove trailing zeros. Flourish type hint: boolean, defaults to NULL

- `chart_number_date_format_strip_separator`
Hide thousands separator below 10,000. Turn off if you want four-digit numbers to include a separator, e.g. 1,234 rather than 1234. Flourish type hint: boolean, defaults to NULL
- `chart_number_date_format_transform_labels`
Multiply/divide values. Flourish type hint: boolean, defaults to NULL
- `chart_number_date_format_transform`
Choices: multiply, divide, exponentiate. Flourish type hint: string, defaults to NULL
- `chart_number_date_format_multiply_divide_constant`
Flourish type hint: number, defaults to NULL
- `chart_number_date_format_exponentiate_constant`
Flourish type hint: number, defaults to NULL
- `chart_number_localization_input_decimal_separator`
Decimal separator in data sheet. Choices: ., .. Used for interpreting your data. Only change if data is not displaying on the chart as expected. Flourish type hint: string, defaults to NULL
- `chart_number_localization_output_separators`
Number format to display. Choices: ,, ,,, ,. ,. ,. How the numbers should appear on chart labels. Flourish type hint: string, defaults to NULL
- `chart_popup_mode`
Choices: none, popup, panel, both. Flourish type hint: string, defaults to NULL
- `chart_popup_popup_is_custom`
Popup content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
- `chart_popup_show_popup_styles`
Show popup styles. Flourish type hint: boolean, defaults to NULL
- `chart_popup_popup_custom_header`
Popup custom header. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML styling or add category colors to popup headers. To hide parts of the popup when a column is empty using `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
- `chart_popup_popup_custom_main`
Popup custom main content. Use `{{column_name}}` to add a value from your data Ensure the column is selected, or add it to Info for popups for popup use. Advanced users can add HTML for designs, styles, and images. To hide parts of the popup when a column is empty use the syntax `{{#if column_name}}Content for non-empty column`. For example: `{{#if Capital name}}Capital:{{/if}} {{Capital name}}`. Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
- `chart_popup_popup_custom_accessible`
Popup custom accessible content. A text alternative to visual custom popup content that will be read out by screenreaders. This content is added as an aria-label

attribute to data point elements. You can still use `{{column_name}}` to add values from your data, but do not use HTML. For example: `{{Name}}`, Population: `{{Population}}`, GDP: `{{GDP}}`. If left empty, accessible content will fallback to the default popup content. Flourish type hint: text, defaults to NULL

`chart_popup_popup_width`
Max width. In rems, multiples of base font size. Leave blank to let the width adjust based on the contents. Flourish type hint: number, defaults to NULL

`chart_popup_popup_font_size`
Text size. Flourish type hint: number, defaults to NULL

`chart_popup_popup_text_color`
Text color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_align`
Align. Choices: start, center, end. Flourish type hint: string, defaults to NULL

`chart_popup_popup_background`
Fill color. Flourish type hint: color, defaults to NULL

`chart_popup_popup_background_opacity`
Fill opacity. Flourish type hint: number, defaults to NULL

`chart_popup_popup_padding`
Padding. Flourish type hint: number, defaults to NULL

`chart_popup_popup_radius`
Radius. Corner radius of popup. Flourish type hint: number, defaults to NULL

`chart_popup_popup_header_type`
Header style. Choices: block, inline. Flourish type hint: string, defaults to NULL

`chart_popup_popup_header_background`
Background. Flourish type hint: color, defaults to NULL

`chart_popup_popup_header_text_color`
Text. Flourish type hint: color, defaults to NULL

`chart_popup_popup_list_type`
List type. Choices: table, ul. Flourish type hint: string, defaults to NULL

`chart_popup_popup_list_label_weight`
Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL

`chart_popup_popup_list_separator`
List separator. Choices: :, , ,
. Flourish type hint: string, defaults to NULL

`chart_popup_popup_shadow`
Shadow. Flourish type hint: boolean, defaults to NULL

`chart_popup_popup_pointer`
Pointer. Flourish type hint: boolean, defaults to NULL

`chart_popup_panel_position`
Choices: overlay, left, right, top, bottom. Flourish type hint: string, defaults to NULL

`chart_popup_panel_open_duration`
Open duration. Flourish type hint: number, defaults to NULL

`chart_popup_panel_side_fixed`
Always show. Flourish type hint: boolean, defaults to NULL

chart_popup_panel_side_default_content	Placeholder content. Flourish type hint: text, defaults to NULL
chart_popup_panel_is_custom	Panel content. Choices: FALSE, TRUE. Flourish type hint: boolean, defaults to NULL
chart_popup_show_panel_styles	Show panel styles. Flourish type hint: boolean, defaults to NULL
chart_popup_panel_custom_header	Panel custom header. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for styling or add category colors to panel headers. To hide parts of the panel when a column is empty using <code>{{#if column_name}}Content for non-empty column</code> . For example: <code>{{#if Capital name}}Capital:{{/if}} {{Capital name}}</code> . Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
chart_popup_panel_custom_main	Panel custom main content. Use <code>{{column_name}}</code> to add a value from your data Ensure the column is selected, or add it to Info for popups for panel use. Advanced users can add HTML for designs, styles, images, videos and embedded Flourish charts, To hide parts of the panel when a column is empty using <code>{{#if column_name}}Content for non-empty column_name{{/if}}</code> . For example: <code>{{#if Capital name}}Capital:{{/if}} {{Capital name}}</code> . Here, the word "Capital:" will only show if the corresponding cell in the "Capital name" column is not empty. Flourish type hint: html, defaults to NULL
chart_popup_panel_width_overlay	Width (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_height_overlay	Height (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_width_side	Width (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_height_side	Height (%). Flourish type hint: number, defaults to NULL
chart_popup_panel_max_width	Max width (px). Flourish type hint: number, defaults to NULL
chart_popup_panel_max_height	Max height (px). Flourish type hint: number, defaults to NULL
chart_popup_panel_vertical_position	Vertical position. Choices: click, center. Choosing Click position is especially useful when your visualization is really tall, this will make sure the panel content is always on top of the element youve clicked on. Flourish type hint: string, defaults to NULL
chart_popup_panel_text_color	Text color. Flourish type hint: color, defaults to NULL
chart_popup_panel_font_size	Text size. Flourish type hint: number, defaults to NULL

chart_popup_panel_align	Alignment. Choices: start, center, end. Flourish type hint: string, defaults to NULL
chart_popup_panel_background	Fill color. Flourish type hint: color, defaults to NULL
chart_popup_panel_background_opacity	Fill opacity. Flourish type hint: number, defaults to NULL
chart_popup_panel_padding	Padding. Flourish type hint: number, defaults to NULL
chart_popup_panel_radius	Radius. Corner radius of panel. Flourish type hint: number, defaults to NULL
chart_popup_panel_list_type	List type. Choices: table, ul. Flourish type hint: string, defaults to NULL
chart_popup_panel_list_label_weight	Label weight. Choices: normal, bold. Flourish type hint: string, defaults to NULL
chart_popup_panel_list_separator	List separator. Choices: :, , , . Flourish type hint: string, defaults to NULL
chart_popup_panel_shadow	Shadow. Flourish type hint: boolean, defaults to NULL
chart_layout_body_font	Main font. This font will apply to the whole graphic by default. You can optionally change the font for the title, subtitle, footer, etc in the Header and Footer settings panels. Flourish type hint: font, defaults to NULL
chart_layout_font_color	Text color. This color will apply to the whole graphic by default, You can optionally change the color for individual text elements, in other settings panels. Flourish type hint: color, defaults to NULL
chart_layout_background_color_enabled	Color. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_image_enabled	Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL
chart_layout_background_color	Background color. Flourish type hint: color, defaults to NULL
chart_layout_background_image_src	Image URL. Flourish type hint: url, defaults to NULL
chart_layout_background_image_size	Size. Choices: cover, contain, auto, 100% 100%. Flourish type hint: string, defaults to NULL
chart_layout_background_image_position	Position. Choices: top left, top center, top right, center left, center center, center right, bottom left, bottom center, bottom right. Flourish type hint: string, defaults to NULL
chart_layout_max_width_target	Maximum width. Choices: none, wrapper, primary. Apply a maximum width to just the main graphic or everything (main graphic plus header, footer, etc). Flourish type hint: string, defaults to NULL

chart_layout_max_width
Maximum width. Leave blank to stretch to container width. Flourish type hint: number, defaults to NULL

chart_layout_max_width_align
Align. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_layout_order
Layout order. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections
Space between sections. Choices: 0.5, 1, 1.5, custom. Flourish type hint: string, defaults to NULL

chart_layout_space_between_sections_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_enabled
Show borders around visualisation. Flourish type hint: boolean, defaults to NULL

chart_layout_border_top_width
Top. Flourish type hint: number, defaults to NULL

chart_layout_border_top_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_top_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_right_width
Right. Flourish type hint: number, defaults to NULL

chart_layout_border_right_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_right_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_bottom_width
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_border_bottom_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_bottom_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_border_left_width
Left. Flourish type hint: number, defaults to NULL

chart_layout_border_left_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_border_left_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_read_direction
Read direction. Choices: ltr, rtl. This will change the reading direction of the main text elements on the page. Its not possible to adjust this on all elements, such as axes. Note that when direction is set to right to left any alignment icons will be reversed. Flourish type hint: string, defaults to NULL

chart_layout_font_size_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_font_size_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_font_size_tablet
Flourish type hint: number, defaults to NULL

chart_layout_font_size_desktop
Flourish type hint: number, defaults to NULL

chart_layout_font_size_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_small
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_mobile_big
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_tablet
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_desktop
Flourish type hint: number, defaults to NULL

chart_layout_breakpoint_big_screen
Flourish type hint: number, defaults to NULL

chart_layout_header_align
Alignment. Choices: left, center, right. Flourish type hint: string, defaults to NULL

chart_layout_title
Flourish type hint: html, defaults to NULL

chart_layout_title_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_title_font
Title Font. Flourish type hint: font, defaults to NULL

chart_layout_title_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_title_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_title_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_title_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_title_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_title_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_subtitle
Flourish type hint: html, defaults to NULL

chart_layout_subtitle_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_subtitle_font
Subtitle Font. Flourish type hint: font, defaults to NULL

chart_layout_subtitle_size
Size. Choices: 1.4, 1.6, 2, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_subtitle_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_subtitle_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_subtitle_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_text
Flourish type hint: html, defaults to NULL

chart_layout_header_text_styling
Styling. Flourish type hint: boolean, defaults to NULL

chart_layout_header_text_size
Size. Choices: 1.2, 1.4, 1.6, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_size_custom
Custom. Specify a custom responsive font size in rems The best results will be with values between 1.2 and 3. Flourish type hint: number, defaults to NULL

chart_layout_header_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_header_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_text_line_height
Line height. Flourish type hint: number, defaults to NULL

chart_layout_header_text_space_above
Space above. Choices: 0, 0.5, 1, custom. Flourish type hint: string, defaults to NULL

chart_layout_header_text_space_above_custom
Custom. Flourish type hint: number, defaults to NULL

chart_layout_header_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_header_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_header_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_header_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_header_border_space
Space. Space between border and header text. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_enabled
Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_header_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_header_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_align
Align. Choices: inside, outside. Align logo inside either the header or the main visualization container. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_inside
Position. Choices: top, left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_position_outside
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_header_logo_margin_top
Top. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_right
Right. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_bottom
Bottom. Flourish type hint: number, defaults to NULL

chart_layout_header_logo_margin_left
Left. Flourish type hint: number, defaults to NULL

chart_layout_footer_align
Alignment. Choices: left, center, right, justify. Flourish type hint: string, defaults to NULL

chart_layout_footer_text_size
Size. Flourish type hint: number, defaults to NULL

chart_layout_footer_text_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_styling
Advanced footer styles. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_font
Font. Flourish type hint: font, defaults to NULL

chart_layout_footer_text_weight
Weight. Choices: bold, normal. Flourish type hint: string, defaults to NULL

chart_layout_source_name
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url
Source url. Flourish type hint: string, defaults to NULL

chart_layout_multiple_sources
Multiple sources. Flourish type hint: boolean, defaults to NULL

chart_layout_source_name_2
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_2
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_name_3
Source name. Flourish type hint: string, defaults to NULL

chart_layout_source_url_3
Source url. Flourish type hint: string, defaults to NULL

chart_layout_source_label
Source label. Flourish type hint: string, defaults to NULL

chart_layout_footer_note
Note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_footer_note_secondary
Note (secondary). The secondary note is placed below the source and primary note. To add the time/date stamp of when the data was last updated add `{{data_last_updated}}`. For example, "Last updated at `{{data_last_updated}}`". To customize the format, use the advanced options below. Flourish type hint: html, defaults to NULL

chart_layout_advanced_note_styling
Advanced. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_timestamp_format
Time/date stamp formatting. Choices: `%H:%M:%S, %I:%M %p, %H:%M, %H:%M %p, %H:%M:%S, %d %b %Y, %H:%M, %d %b %Y, %H:%M, %d/%m/%Y, %H:%M, %m/%d/%Y, %H:%M, %d-%m-%Y, %H:%M, %m-%d-%Y, %d %b %Y, %m/%d/%Y, %d/%m/%Y, %m-%d-%Y, %d-%m-%Y, %Y-%m-%d, %Y-%m-%d %H:%M:%S`. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_enabled
Image. Choices: TRUE, FALSE. Flourish type hint: boolean, defaults to NULL

chart_layout_footer_logo_src
Image. Flourish type hint: url, defaults to NULL

chart_layout_footer_logo_src_light
Image (light version). If provided this version will be used whenever the background color is dark. Flourish type hint: hidden, defaults to NULL

chart_layout_footer_logo_alt
Alt text. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_link_url
Link. Flourish type hint: string, defaults to NULL

chart_layout_footer_logo_height
Height. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_margin
Margin. Flourish type hint: number, defaults to NULL

chart_layout_footer_logo_order
Position. Choices: left, right. Flourish type hint: string, defaults to NULL

chart_layout_footer_align_vertical
V. align. Choices: flex-start, center, flex-end. Flourish type hint: string, defaults to NULL

chart_layout_footer_border
Choices: top, bottom, top_and_bottom, none. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_width
Width. Flourish type hint: number, defaults to NULL

chart_layout_footer_border_color
Color. Flourish type hint: color, defaults to NULL

chart_layout_footer_border_style
Style. Choices: solid, dashed, dotted. Flourish type hint: string, defaults to NULL

chart_layout_footer_border_space
Space. Space between border and footer text. Flourish type hint: number, defaults to NULL

chart_layout_screenreader_text_primary
Screenreader description. A text alternative to the visual content that will only be visible to screenreaders, e.g. The line chart shows China consistently higher than the other countries since 1990. Do not replicate your title, since that will also be read by screenreaders. Flourish type hint: text, defaults to NULL

chart_layout_screenreader_label
Screenreader label. A short text label given to the main Flourish embed wrapper to provide an accessible name that is only visible to screenreaders Added in the form of an "aria-label". Flourish type hint: string, defaults to NULL

chart_layout_screenreader_hide_primary
Screenreader mode for main visual container. Choices: TRUE, FALSE. Whether the main visual container is visible to screenreaders (Text in the header and footer are always available to screenreaders.). Flourish type hint: boolean, defaults to NULL

Value

A Flourish chart

Examples

```
try(  
  flourish(chart_type = "word_cloud", api_key = Sys.getenv("FLOURISH_API_KEY")) |>  
  bind_word_cloud_data(gapminder) |>  
  set_word_cloud_details()  
)
```


Index

* datasets

flourish_api_documentation, 84
gapminder, 85

bind_audio_data, 3
bind_bar_chart_race_data, 5
bind_bubble_chart_data, 10
bind_calculator_data, 11
bind_cards_data, 12
bind_chord_diagram_data, 16
bind_draw_the_line_data, 17
bind_election_results_chart_data, 18
bind_gantt_data, 19
bind_gauge_data, 20
bind_hierarchy_data, 22
bind_horserace_data, 24
bind_interactive_svg_data, 29
bind_line_bar_pie_data, 30
bind_marimekko_data, 34
bind_network_graph_data, 38
bind_parliament_chart_data, 39
bind_pictogram_data, 40
bind_quiz_data, 41
bind_radar_data, 43
bind_sankey_data, 46
bind_scatter_data, 51
bind_slope_chart_data, 57
bind_sports_data, 61
bind_sports_race_data, 66
bind_survey_data, 67
bind_svg_annotator_data, 70
bind_table_data, 71
bind_text_annotator_data, 72
bind_timeline_data, 73
bind_tournament_data, 77
bind_word_cloud_data, 82

flourish, 83
flourish_api_documentation, 84

gapminder, 85

set_audio_details, 86
set_bar_chart_race_details, 99
set_bubble_chart_details, 122
set_calculator_details, 143
set_cards_details, 169
set_chord_diagram_details, 197
set_countdown_details, 213
set_draw_the_line_details, 223
set_election_results_chart_details, 248
set_gantt_details, 271
set_gauge_details, 302
set_hierarchy_details, 326
set_horserace_details, 353
set_interactive_svg_details, 382
set_line_bar_pie_details, 398
set_marimekko_details, 450
set_network_graph_details, 489
set_number_ticker_details, 507
set_parliament_chart_details, 519
set_photo_slider_details, 538
set_pictogram_details, 549
set_quiz_details, 579
set_radar_details, 593
set_sankey_details, 620
set_scatter_details, 645
set_slope_chart_details, 689
set_sports_details, 715
set_sports_race_details, 740
set_survey_details, 758
set_svg_annotator_details, 785
set_table_details, 799
set_text_annotator_details, 822
set_timeline_details, 833
set_tournament_details, 861
set_word_cloud_details, 877