

# Package: EraBrewer (via r-universe)

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**Type** Package

**Title** Color Palettes from the Album Covers of Each Taylor Swift Era

**Version** 0.2.0

**URL** <https://s-m.ac/EraBrewer/>, <https://github.com/mathias-sm/EraBrewer>

**BugReports** <https://github.com/mathias-sm/EraBrewer/issues>

**Description** Provides discrete and continuous color palettes derived from the album cover artwork of each Taylor Swift Era. Each palette ships with a curated order-of-use so that smaller discrete subsets remain harmonious, and supports continuous interpolation via 'grDevices::colorRampPalette()' for arbitrary 'n'. Designed to plug into 'ggplot2' workflows through standard manual and gradient scales.

**License** CC0

**Encoding** UTF-8

**Language** en-US

**Imports** ggplot2, grDevices

**Config/roxygen2/version** 8.0.0

**Suggests** knitr, rmarkdown, ragg

**VignetteBuilder** knitr

**NeedsCompilation** no

**Author** Mathias Sablé-Meyer [aut, cre, cph] (ORCID: <https://orcid.org/0000-0003-0844-0775>), Sandra Reinert [aut] (ORCID: <https://orcid.org/0000-0003-4302-7433>)

**Maintainer** Mathias Sablé-Meyer <mat-git@s-m.ac>

**Repository** <https://cran.r-universe.dev>

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era.brewer	<i>Generate a color palette</i>
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## Description

Returns a vector of colors drawn from one of the palettes in [EraPalettes](#). Supports both discrete (curated subsets) and continuous (interpolated) palettes.

## Usage

```
era.brewer(
  palette_name,
  n,
  type = c("discrete", "continuous"),
  direction = c(1, -1),
  override_order = FALSE,
  return_hex = FALSE
)
```

## Arguments

palette_name	Character. Name of the palette; must be one of names(EraPalettes).
n	Integer. Number of colors to return. Defaults to the full palette length.
type	One of "discrete" or "continuous". If omitted, chosen automatically: "continuous" when n exceeds the palette length, otherwise "discrete".
direction	1 for the standard order, -1 for reversed.
override_order	Logical. If TRUE, return colors in their stored order rather than the curated order-of-use for the requested n.
return_hex	Logical. If TRUE, also prints the hex codes.

## Value

An object of class "palette": a character vector of hex codes with the palette name stored as an attribute.

**Examples**

```
# Discrete palette using the curated order-of-use
print(era.brewer("Lover2", n = 3))

# Continuous interpolation when n exceeds the stored palette length
print(era.brewer("Showgirl2", n = 50, type = "continuous"))

# Reverse direction
print(era.brewer("Fearless", direction = -1))

# Plug into a ggplot2 manual scale
library(ggplot2)
ggplot(iris, aes(Sepal.Length, Sepal.Width, color = Species)) +
  geom_point() +
  scale_color_manual(values = era.brewer("Lover2", n = 3))
```

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EraPalettes

*Era Palettes*

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**Description**

A named list of color palettes inspired by Taylor Swift's eras. Each entry is a list of length two: a character vector of hex codes, and an integer vector giving the preferred order in which the colors should be drawn for discrete palettes of increasing size.

**Usage**

```
EraPalettes
```

**Format**

A named list with one entry per palette.

**Value**

A named list; each element is itself a list of length two: a character vector of hex codes and an integer vector giving the curated order-of-use for discrete subsets.

**Examples**

```
names(EraPalettes)
EraPalettes[["Lover2"]]
```

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print.palette	<i>Print a palette</i>
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**Description**

S3 method for objects of class "palette". Renders the palette as a row of colored tiles labeled with the palette name.

**Usage**

```
## S3 method for class 'palette'  
print(x, ...)
```

**Arguments**

x	A "palette" object as returned by <a href="#">era.brewer</a> .
...	Unused.

**Value**

A ggplot object: a row of colored tiles labeled with the palette name. Rendered when auto-printed at the top level or when further composed with ggplot2 layers.

**Examples**

```
print(era.brewer("Lover2"))
```

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