Package 'okcolors'

May 14, 2025

Type Package

Title A Set of Color Palettes Inspired by OK Go Music Videos for
'ggplot2' in R

Version 0.1.0

Description A collection of aesthetically appealing color palettes for effective data visualization with 'ggplot2'. Palettes support both discrete and continuous data.

License GPL-3

Encoding UTF-8

Imports ggplot2 (>= 3.0.0)

Suggests testthat (>= 3.0.0), knitr, rmarkdown

URL https://github.com/nelsonquesado/okcolors

BugReports https://github.com/nelsonquesado/okcolors/issues

Depends R (>= 3.5.0)

RoxygenNote 7.3.2

NeedsCompilation no

Author Nelson de O. Quesado Filho [aut, cre],
Ana Flávia Teles Silveira [aut]

Maintainer Nelson de O. Quesado Filho <nquesado@gmail.com>

Repository CRAN

Date/Publication 2025-05-14 08:10:02 UTC

Contents

---

okcolors   *Retrieve a Color Palette from the okcolors package*

Description

Returns a vector of 'n' colors from a specified palette included in the okcolors package.

Usage

```
okcolors(palette = "obsession", n = 5)
```

Arguments

palette   Character. Name of the palette to use. One of '"it"', '"stone"', '"skyscrapers"',
               '"obsession"', or '"moment"'. Default is '"obsession"'.

n   Integer. Number of colors to return. Default is '5'.

Details

The available palettes are:

- "it" – dark reds to light pinks: "#330000" (dark maroon), "#660000" (deep red), "#cc0033" (vivid red), "#ff6699" (pink coral), "#ffcc99" (peach).

- "stone" – earthy tones with pastels: "#bc8553" (bronze), "#dea466" (sand), "#ff99cc" (bubblegum pink), "#ffccff" (lavender blush), "#c3dda2" (sage).

- "skyscrapers" – vibrant contrasting urban tones: "#ff3366" (raspberry), "#ff6633" (orange coral), "#ffcc66" (light gold), "#33cccc" (turquoise), "#663366" (plum).

- "obsession" – bold and vivid colors for attention-grabbing visuals: "#45924c" (forest green), "#e96cd2" (orchid), "#4561cf" (royal blue), "#f44f49" (tomato red), "#f0cc36" (sunflower).

- "moment" – saturated and modern hues: "#ffccff" (lavender blush), "#e96cd2" (orchid), "#ff3366" (raspberry), "#33cccc" (turquoise), "#f99841" (orange sherbet).

Value

A character vector of hex color codes of length 'n'.

Examples

```
okcolors("stone", 3)
okcolors("obsession", 7)
```

---

scale_color_okcolors   *Custom ggplot2 Color Scale using okcolors Palettes*

Description

Applies a custom discrete or continuous color scale to ggplot2 plots using a selected palette from the okcolors package.

Usage

```
scale_color_okcolors(palette = "obsession", discrete = TRUE, ...)
```

Arguments

palette	Character. Name of the palette to use. Must be one of the palettes available in 'okcolors()'. Default is '"obsession"'.
discrete	Logical. Whether to use a discrete scale ('TRUE') or a continuous scale ('FALSE'). Default is 'TRUE'.
...	Additional arguments passed to 'ggplot2::discrete_scale()' or 'ggplot2::scale_color_gradientn()'.

Value

A 'Scale' object that can be added to a ggplot2 plot.

Examples

```
library(ggplot2)
ggplot2::ggplot(ggplot2::mpg, ggplot2::aes(displ, hwy, color = class)) +
  ggplot2::geom_point(size = 3) +
  scale_color_okcolors("obsession")

ggplot2::ggplot(ggplot2::mpg, ggplot2::aes(displ, hwy, color = hwy)) +
  ggplot2::geom_point(size = 3) +
  scale_color_okcolors("skyscrapers", discrete = FALSE)
```

---

scale_fill_okcolors   *Custom ggplot2 Fill Scale using okcolors Palettes*

Description

Applies a custom discrete or continuous fill scale to ggplot2 plots using a selected palette from the okcolors package.

Usage

```
scale_fill_okcolors(palette = "obsession", discrete = TRUE, ...)
```

Arguments

palette	Character. Name of the palette to use. Must be one of the palettes available in 'okcolors()'. Default is '"obsession"'.
discrete	Logical. Whether to use a discrete scale ('TRUE') or a continuous scale ('FALSE'). Default is 'TRUE'.
...	Additional arguments passed to 'ggplot2::discrete_scale()' or 'ggplot2::scale_fill_gradientn()'.

Value

A 'Scale' object that can be added to a ggplot2 plot.

Examples

```
ggplot2::ggplot(ggplot2::mpg, ggplot2::aes(class, fill = class)) +
  ggplot2::geom_bar() +
  scale_fill_okcolors("skyscrapers")

ggplot2::ggplot(ggplot2::mpg, ggplot2::aes(displ, hwy, fill = hwy)) +
  ggplot2::geom_tile() +
  scale_fill_okcolors("obsession", discrete = FALSE)
```

Index