

Package ‘okcolors’

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Type Package

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

Version 0.1.2

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)

Config/testthat/edition 3

Config/roxygen2/version 8.0.0

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Repository CRAN

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Contents

okcolors	2
scale_color_okcolors	2
scale_fill_okcolors	3
valid_palettes	4

Index	5
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okcolors	<i>Retrieve an okcolors Palette</i>
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Description

Returns n colors from a palette included in okcolors.

Usage

```
okcolors(palette = "obsession", n = 5, direction = 1)
```

Arguments

palette	Character. Name of the palette to use. See valid_palettes() for available options. Default is "obsession".
n	Integer. Number of colors to return. Default is 5.
direction	Integer. Use 1 for the palette order or -1 to reverse it. Default is 1.

Value

A character vector of hex color codes of length n.

Examples

```
okcolors("stone", 3)
okcolors("obsession", 7, direction = -1)
```

scale_color_okcolors	<i>Custom ggplot2 Color Scale Using okcolors Palettes</i>
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Description

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

Usage

```
scale_color_okcolors(
  palette = "obsession",
  discrete = FALSE,
  direction = 1,
  ...
)
```

Arguments

palette	Character. Name of the palette to use. See valid_palettes() for available options. Default is "obsession".
discrete	Logical. Whether to use a discrete scale (TRUE) or a continuous scale (FALSE). Default is FALSE.
direction	Integer. Use 1 for the palette order or -1 to reverse it. Default is 1.
...	Additional arguments passed to <code>ggplot2::discrete_scale()</code> or <code>ggplot2::scale_color_gradientn()</code>

Value

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

scale_fill_okcolors	<i>Custom ggplot2 Fill Scale Using okcolors Palettes</i>
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Description

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

Usage

```
scale_fill_okcolors(  
  palette = "obsession",  
  discrete = FALSE,  
  direction = 1,  
  ...  
)
```

Arguments

palette	Character. Name of the palette to use. See valid_palettes() for available options. Default is "obsession".
discrete	Logical. Whether to use a discrete scale (TRUE) or a continuous scale (FALSE). Default is FALSE.
direction	Integer. Use 1 for the palette order or -1 to reverse it. Default is 1.
...	Additional arguments passed to <code>ggplot2::discrete_scale()</code> or <code>ggplot2::scale_fill_gradientn()</code>

Value

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

valid_palettes	<i>List Available Palettes in okcolors</i>
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Description

Returns a character vector of all valid palette names supported by the okcolors package.

Usage

```
valid_palettes()
```

Value

A character vector with the names of available palettes.

Examples

```
valid_palettes()
```

Index

`okcolors`, [2](#)

`scale_color_okcolors`, [2](#)

`scale_fill_okcolors`, [3](#)

`valid_palettes`, [4](#)

`valid_palettes()`, [2](#), [3](#)