

Package: okcolors (via r-universe)

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Type Package

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

Version 0.1.1

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

Repository <https://nelsonquesado.r-universe.dev>

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`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, direction = 1)
```

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’.

`direction` Integer. If ‘1’ (default), returns the palette as is. If ‘-1’, reverses the order.

Value

A character vector of hex color codes of length ‘n’.

Examples

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

`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,
  direction = 1,
  ...
)
```

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'.
direction	Integer. If '1' (default), colors are as defined. If '-1', the palette is reversed.
...	Additional arguments passed to 'ggplot2::discrete_scale()' or 'ggplot2::scale_color_gradientn()'.

Value

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

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, direction = 1, ...)
```

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'.
direction	Integer. If '1' (default), colors are as defined. If '-1', the palette is reversed.
...	Additional arguments passed to 'ggplot2::discrete_scale()' or 'ggplot2::scale_fill_gradientn()'.

Value

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

`valid_palettes`*List Available Palettes in the okcolors Package*

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()
```

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