

Package ‘tinter’

December 16, 2018

Title Generate a Monochromatic Palette

Version 0.0.1

Description Generate a palette of tints, shades or both from a single colour.

URL <https://github.com/poissonconsulting/tinter>

BugReports <https://github.com/poissonconsulting/tinter/issues>

Imports checkr, grDevices

Suggests graphics, covr, testthat

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

Language en-US

NeedsCompilation no

Author Sebastian Dalgarno [aut, cre],
Joe Thorley [ctb] (<<https://orcid.org/0000-0002-7683-4592>>)

Maintainer Sebastian Dalgarno <seb@poissonconsulting.ca>

Repository CRAN

Date/Publication 2018-12-16 15:10:03 UTC

R topics documented:

darken	2
lighten	2
tinter	3

Index	4
--------------	----------

`darken` *Darken colour.*

Description

Darken colour.

Usage

```
darken(x, amount)
```

Arguments

`x` A vector of strings of colours in any format accepted by `grDevices::col2rgb()`.
`amount` A number from 0 to 1.

Value

A vector of modified colours.

Examples

```
darken(tinter("blue"), 0.2)
```

`lighten` *Lighten colour.*

Description

Lighten colour.

Usage

```
lighten(x, amount)
```

Arguments

`x` A vector of strings of colours in any format accepted by `grDevices::col2rgb()`.
`amount` A number from 0 to 1.

Value

A vector of modified colours.

Examples

```
lighten(tinter("blue"), 0.2)
```

tinter	<i>Generate shades, tints or both from a colour.</i>
--------	--

Description

Generate shades, tints or both from a colour.

Usage

```
tinter(x, steps = 5, crop = 1, direction = "both", adjust = 0)
```

Arguments

x	A string of a colour in any format accepted by <code>grDevices::col2rgb()</code> .
steps	An integer indicating how many shades/tints to generate (excluding x).
crop	An integer indicating how many extreme colours to remove (e.g. <code>crop = 1</code> eliminates 'black' and 'white').
direction	A string indicating whether to include 'tints', 'shades' or 'both'.
adjust	A number between -1 and 1. Values between 0 and -1 increasingly darken colour; values between 0 and 1 increasingly lighten colour.

Value

A vector of colours.

Examples

```
tinter("blue")  
tinter("#fa6a5c", steps = 10, crop = 3)  
tinter("#fa6a5c", direction = "tints")
```

Index

darken, [2](#)

lighten, [2](#)

tinter, [3](#)