Package ‘jgcricolors’

October 13, 2022

Title Manage 'JGCRI' Color Palettes

Version 1.0.0

Description Color palettes used by the Pacific Northwest National Laboratory - Joint Global Change Research Institute for maps and charts.

URL https://github.com/JGCRI/jgcricolors

BugReports https://github.com/JGCRI/jgcricolors/issues

Depends R (>= 2.10)

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Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Imports knitr, graphics, ggplot2, RColorBrewer, stringr, markdown

Suggests rmarkdown, testthat, dplyr

VignetteBuilder knitr, ggplot2, RColorBrewer

NeedsCompilation no

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R topics documented:

  jgcricol ................................................................. 2
  jgcricolors ............................................................. 3
  mapUS49df ............................................................... 3

Index 4
Description

This function loads various generic and JGCRI specific color palettes charts and maps.

Usage

    jgcricol(palx = NULL, alpha = NULL)

Arguments

    palx          Palette name to view the palette jgcricol. e.g. jgcricol(palx="pal_basic")
    alpha         Default = NULL. Parameter to add transparency.

Details

List of Color Palettes

- "pal_all"
- "pal_16"
- "pal_basic"
- "pal_hot"
- "pal_wet"
- "pal_div_wet"
- "pal_div_BlRd"
- "pal_div_RdBl"
- "pal_div_BrGn"
- "pal_div_GnBr"
- "pal_div_BluRd"
- "pal_div_RdBlu"
- "pal_green"
- "pal_div_BrGn"
- "pal_div_BLRd"
- "pal_sankey"
- "pal_spectral"
- "pal_scarcityCat"

Value

A list of color palettes.
### Examples

```r
library(jgcricolors)
# To see all available palettes
names(jgcricol())
# How to use palettes:
pal1 <- jgcricol()$pal_basic
pal2 <- jgcricol("pal_basic")
pals <- jgcricol()
pal3 <- pals$pal_basic  # This way will auto populate the options after pals$
```

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### Description

An R package to manage JGCR1 colors for maps and charts.

### Details

- Github: https://github.com/JGCR1/jgcricolors
- Webpage: https://jgcri.github.io/jgcricolors

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### mapUS49df

US 49 States Excludes Alaska, Hawaii and Puerto Rico. Includes DC.

### Description

US 49 States Excludes Alaska, Hawaii and Puerto Rico. Includes DC.

### Usage

```r
mapUS49df
```

### Format

A `SpatialPolygonsDataFrame`

### Source

Made with Natural Earth. [https://www.naturalearthdata.com/](https://www.naturalearthdata.com/)
Index

* datasets
  mapUS49df, 3

jgcricol, 2
jgcricolors, 3
mapUS49df, 3