

# 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)

**License** BSD\_2\_clause + file LICENSE

**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

<b>Index</b>	<b>4</b>
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`jgcricol`*jgcricol*

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**Description**

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

**Usage**

```
jgcricol(palx = NULL, alpha = NULL)
```

**Arguments**

<code>palx</code>	Palette name to view the palette jgcricol. e.g. <code>jgcricol(palx="pal_basic")</code>
<code>alpha</code>	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\_BIRd"
- "pal\_div\_RdBl"
- "pal\_div\_BrGn"
- "pal\_div\_GnBr"
- "pal\_div\_BluRd"
- "pal\_div\_RdBlu"
- "pal\_green"
- "pal\_div\_BrGn"
- "pal\_div\_BIRd"
- "pal\_sankey"
- "pal\_spectral"
- "pal\_scarcityCat"

**Value**

A list of color palettes.

**Examples**

```
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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jgcricolors	<i>jgcricolors</i>
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**Description**

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

**Details**

- Github: <https://github.com/JGCRI/jgcricolors>
- Webpage: <https://jgcri.github.io/jgcricolors>

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mapUS49df	<i>US 49 States Excludes Alaska, Hawaii and Puerto Rico. Includes DC.</i>
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**Description**

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

**Usage**

```
mapUS49df
```

**Format**

A SpatialPolygonsDataFrame

**Source**

Made with Natural Earth. <https://www.naturalearthdata.com/>

# Index

\* **datasets**

mapUS49df, 3

jpgricol, 2

jpgricolors, 3

mapUS49df, 3