

# visColorbar

March 9, 2015

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visColorbar	<i>Function to define a colorbar</i>
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## Description

visColorbar is supposed to define a colorbar

## Usage

```
visColorbar(colormap = c("bwr", "jet", "gbr", "wyr", "br", "yr",  
"rainbow",  
"wb"), ncolors = 40, zlim = c(0, 1), gp = grid::gpar())
```

## Arguments

colormap	short name for the colormap. It can be one of "jet" (jet colormap), "bwr" (blue-white-red colormap), "gbr" (green-black-red colormap), "wyr" (white-yellow-red colormap), "br" (black-red colormap), "yr" (yellow-red colormap), "wb" (white-black colormap), and "rainbow" (rainbow colormap, that is, red-yellow-green-cyan-blue-magenta). Alternatively, any hyphen-separated HTML color names, e.g. "blue-black-yellow", "royalblue-white-sandybrown", "darkgreen-white-darkviolet". A list of standard color names can be found in <a href="http://html-color-codes.info/color-names">http://html-color-codes.info/color-names</a>
ncolors	the number of colors specified
zlim	the minimum and maximum z values for which colors should be plotted, defaulting to the range of the finite values of z. Each of the given colors will be used to color an equispaced interval of this range. The midpoints of the intervals cover the range, so that values just outside the range will be plotted
gp	an object of class gpar, typically the output from a call to the function gpar (i.e., a list of graphical parameter settings)

## Value

invisibly

## Note

none

**See Also**

[visColormap](#), [visHexMulComp](#), [visCompReorder](#)

**Examples**

```
# draw "blue-white-red" colorbar  
visColorbar(colormap="bwr")
```