visColorbar

June 4, 2015

`visColorbar` *Function to define a colorbar*

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 http://html-color-codes.info/color-names
`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")
```