

The `colorweb` package*

The 216 Web-safe colors

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Abstract

This package `\definecolors` the 216 colors that are “Web-safe”, *i.e.*, that are supported by most browsers. The color names (and hue sorting order) are from <http://www.visibone.com/colorlab/big.html>.

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1 Usage

Usage is simple—simply add `\color{<ColorName>}` to your document, perhaps in a group to limit the color change to a portion of the document.

Colors are listed four different ways:

1. sorted by hue,
2. sorted by saturation (*i.e.*, all “`DarkHard`”, all “`LightHard`”, *etc.*),
3. sorted by color value, and
4. sorted alphabetically, in the index.

and paragraphing and forced line-breaks have been inserted so that color names are not hyphenated.

Each list is typeset in `\ShowColorSize` font size so that, at least for the first three, the entire list appears on one page.

This package interacts correctly with the `hypdoc` and `colordoc` packages.

*This document corresponds to `colorweb.dtx` v1.3, dated 2013/08/20.

1.1 Sorted by hue

Black GrayObscure GrayDark GrayLight GrayPale ~~White~~
Red
 RedDarkHard RedLightHard
 RedDarkFaded RedMediumFaded RedLightFaded
 RedObscureDull RedDarkDull RedLightDull RedPaleDull
 RedObscureWeak RedDarkWeak RedMediumWeak RedLightWeak RedPaleWeak
 RedOrangeDark RedOrangeLight RedRedOrange
 OrangeRedDark OrangeRedMedium OrangeRedLight OrangeOrangeRed
 OrangeDarkHard OrangeLightHard
 OrangeObscureDull OrangeDarkDull OrangeLightDull OrangePaleDull
 OrangeYellowDark OrangeYellowMedium OrangeYellowLight OrangeOrangeYellow
 YellowOrangeDark YellowOrangeLight YellowYellowOrange
Yellow
 YellowDarkHard YellowLightHard
 YellowDarkFaded YellowMediumFaded YellowLightFaded
 YellowObscureDull YellowDarkDull YellowLightDull YellowPaleDull
 YellowObscureWeak YellowDarkWeak YellowMediumWeak YellowLightWeak YellowPaleWeak
 YellowSpringDark YellowSpringLight YellowYellowSpring
 SpringYellowDark SpringYellowMedium SpringYellowLight SpringSpringYellow
 SpringDarkHard SpringLightHard
 SpringObscureDull SpringDarkDull SpringLightDull SpringPaleDull
 SpringGreenDark SpringGreenMedium SpringGreenLight SpringSpringGreen
 GreenSpringDark GreenSpringLight GreenGreenSpring
Green
 GreenDarkHard GreenLightHard
 GreenDarkFaded GreenMediumFaded GreenLightFaded
 GreenObscureDull GreenDarkDull GreenLightDull GreenPaleDull
 GreenObscureWeak GreenDarkWeak GreenMediumWeak GreenLightWeak GreenPaleWeak
 GreenTealDark GreenTealLight GreenGreenTeal
 TealGreenDark TealGreenMedium TealGreenLight TealTealGreen
 TealDarkHard TealLightHard
 TealObscureDull TealDarkDull TealLightDull TealPaleDull
 TealCyanDark TealCyanMedium TealCyanLight TealTealCyan
 CyanTealDark CyanTealLight CyanCyanTeal
Cyan
 CyanDarkHard CyanLightHard
 CyanDarkFaded CyanMediumFaded CyanLightFaded
 CyanObscureDull CyanDarkDull CyanLightDull CyanPaleDull
 CyanObscureWeak CyanDarkWeak CyanMediumWeak CyanLightWeak CyanPaleWeak
 CyanAzureDark CyanAzureLight CyanCyanAzure
 AzureCyanDark AzureCyanMedium AzureCyanLight AzureAzureCyan
 AzureDarkHard AzureLightHard
 AzureObscureDull AzureDarkDull AzureLightDull AzurePaleDull
 AzureBlueDark AzureBlueMedium AzureBlueLight AzureAzureBlue
 BlueAzureDark BlueAzureLight BlueBlueAzure
Blue
 BlueDarkHard BlueLightHard
 BlueDarkFaded BlueMediumFaded BlueLightFaded
 BlueObscureDull BlueDarkDull BlueLightDull BluePaleDull
 BlueObscureWeak BlueDarkWeak BlueMediumWeak BlueLightWeak BluePaleWeak
 BlueVioletDark BlueVioletLight BlueBlueViolet
 VioletBlueDark VioletBlueMedium VioletBlueLight VioletVioletBlue
 VioletDarkHard VioletLightHard
 VioletObscureDull VioletDarkDull VioletLightDull VioletPaleDull
 VioletMagentaDark VioletMagentaMedium VioletMagentaLight VioletVioletMagenta
 MagentaVioletDark MagentaVioletLight MagentaMagentaViolet
Magenta
 MagentaDarkHard MagentaLightHard
 MagentaDarkFaded MagentaMediumFaded MagentaLightFaded
 MagentaObscureDull MagentaDarkDull MagentaLightDull MagentaPaleDull
 MagentaObscureWeak MagentaDarkWeak MagentaMediumWeak MagentaLightWeak
 MagentaPaleWeak
 MagentaPinkDark MagentaPinkLight MagentaMagentaPink
 PinkMagentaDark PinkMagentaMedium PinkMagentaLight PinkPinkMagenta
 PinkDarkHard PinkLightHard
 PinkObscureDull PinkDarkDull PinkLightDull PinkPaleDull
 PinkRedDark PinkRedMedium PinkRedLight PinkPinkRed
 RedPinkDark RedPinkLight RedRedPink

1.2 Sorted by saturation

Black GrayObscure GrayDark GrayLight GrayPale ~~White~~
 Red Yellow Green Cyan Blue Magenta
 RedDarkHard OrangeDarkHard YellowDarkHard SpringDarkHard GreenDarkHard
 TealDarkHard CyanDarkHard AzureDarkHard BlueDarkHard VioletDarkHard
 MagentaDarkHard PinkDarkHard
 RedLightHard OrangeLightHard YellowLightHard SpringLightHard GreenLightHard
 TealLightHard CyanLightHard AzureLightHard BlueLightHard VioletLightHard
 MagentaLightHard PinkLightHard
 RedDarkFaded YellowDarkFaded GreenDarkFaded CyanDarkFaded
 BlueDarkFaded MagentaDarkFaded
 RedMediumFaded YellowMediumFaded GreenMediumFaded CyanMediumFaded
 BlueMediumFaded MagentaMediumFaded
 RedLightFaded YellowLightFaded GreenLightFaded CyanLightFaded
 BlueLightFaded MagentaLightFaded
 RedObscureDull OrangeObscureDull YellowObscureDull SpringObscureDull GreenObscureDull
 TealObscureDull CyanObscureDull AzureObscureDull BlueObscureDull VioletObscureDull
 MagentaObscureDull PinkObscureDull
 RedDarkDull OrangeDarkDull YellowDarkDull SpringDarkDull GreenDarkDull
 TealDarkDull CyanDarkDull AzureDarkDull BlueDarkDull VioletDarkDull
 MagentaDarkDull PinkDarkDull
 RedLightDull OrangeLightDull YellowLightDull SpringLightDull GreenLightDull
 TealLightDull CyanLightDull AzureLightDull BlueLightDull VioletLightDull
 MagentaLightDull PinkLightDull
 RedPaleDull OrangePaleDull YellowPaleDull SpringPaleDull GreenPaleDull
 TealPaleDull CyanPaleDull AzurePaleDull BluePaleDull VioletPaleDull
 MagentaPaleDull PinkPaleDull
 RedObscureWeak YellowObscureWeak GreenObscureWeak CyanObscureWeak
 BlueObscureWeak MagentaObscureWeak
 RedDarkWeak YellowDarkWeak GreenDarkWeak CyanDarkWeak
 BlueDarkWeak MagentaDarkWeak
 RedMediumWeak YellowMediumWeak GreenMediumWeak CyanMediumWeak
 BlueMediumWeak MagentaMediumWeak
 RedLightWeak YellowLightWeak GreenLightWeak CyanLightWeak
 BlueLightWeak MagentaLightWeak
 RedPaleWeak YellowPaleWeak GreenPaleWeak CyanPaleWeak
 BluePaleWeak MagentaPaleWeak
 OrangeRedDark OrangeYellowDark SpringYellowDark SpringGreenDark
 TealGreenDark TealCyanDark AzureCyanDark AzureBlueDark
 VioletBlueDark VioletMagentaDark PinkMagentaDark PinkRedDark
 OrangeRedMedium OrangeYellowMedium SpringYellowMedium SpringGreenMedium
 TealGreenMedium TealCyanMedium AzureCyanMedium AzureBlueMedium
 VioletBlueMedium VioletMagentaMedium PinkMagentaMedium PinkRedMedium
 OrangeRedLight OrangeYellowLight SpringYellowLight SpringGreenLight
 TealGreenLight TealCyanLight AzureCyanLight AzureBlueLight
 VioletBlueLight VioletMagentaLight PinkMagentaLight PinkRedLight
 RedOrangeDark RedPinkDark YellowOrangeDark YellowSpringDark GreenSpringDark
 GreenTealDark CyanTealDark CyanAzureDark BlueAzureDark
 BlueVioletDark MagentaVioletDark MagentaPinkDark
 RedOrangeLight RedPinkLight YellowOrangeLight YellowSpringLight GreenSpringLight
 GreenTealLight CyanTealLight CyanAzureLight BlueAzureLight
 BlueVioletLight MagentaVioletLight MagentaPinkLight
 RedRedOrange OrangeOrangeRed
 YellowYellowOrange OrangeOrangeYellow
 YellowYellowSpring SpringSpringYellow
 GreenGreenSpring SpringSpringGreen
 GreenGreenTeal TealTealGreen
 CyanCyanTeal TealTealCyan
 CyanCyanAzure AzureAzureCyan
 BlueBlueAzure AzureAzureBlue
 BlueBlueViolet VioletVioletBlue
 VioletVioletMagenta MagentaMagentaViolet
 MagentaMagentaPink PinkPinkMagenta
 RedRedPink PinkPinkRed

1.3 Sorted by value

Black (000000) BlueObscureWeak (000033) BlueObscureDull (000066)
 BlueDarkFaded (000099) BlueDarkHard (0000CC) Blue (0000FF)
 GreenObscureWeak (003300) CyanObscureWeak (003333) AzureObscureDull (003366)
 AzureBlueDark (003399) BlueAzureDark (0033CC) BlueBlueAzure (0033FF)
 GreenObscureDull (006600) TealObscureDull (006633) CyanObscureDull (006666)
 AzureCyanDark (006699) AzureDarkHard (0066CC) AzureAzureBlue (0066FF)
 GreenDarkFaded (009900) TealGreenDark (009933) TealCyanDark (009966)
 CyanDarkFaded (009999) CyanAzureDark (0099CC) AzureAzureCyan (0099FF)
 GreenDarkHard (00CC00) GreenTealDark (00CC33) TealDarkHard (00CC66)
 CyanTealDark (00CC99) CyanDarkHard (00CCCC) CyanCyanAzure (00CCFF)
 Green (00FF00) GreenGreenTeal (00FF33) TealTealGreen (00FF66)
 TealTealCyan (00FF99) CyanCyanTeal (00FFCC) Cyan (00FFFF)
 RedObscureWeak (330000) MagentaObscureWeak (330033) VioletObscureDull (330066)
 VioletBlueDark (330099) BlueVioletDark (3300CC) BlueBlueViolet (3300FF)
 YellowObscureWeak (333300) GrayObscure (333333) BlueDarkWeak (333366)
 BlueDarkDull (333399) BlueMediumFaded (3333CC) BlueLightHard (3333FF)
 SpringObscureDull (336600) GreenDarkWeak (336633) CyanDarkWeak (336666)
 AzureDarkDull (336699) AzureBlueMedium (3366CC) BlueAzureLight (3366FF)
 SpringGreenDark (339900) GreenDarkDull (339933) TealDarkDull (339966)
 CyanDarkDull (339999) AzureCyanMedium (3399CC) AzureLightHard (3399FF)
 GreenSpringDark (33CC00) GreenMediumFaded (33CC33) TealGreenMedium (33CC66)
 TealCyanMedium (33CC99) CyanMediumFaded (33CCCC) CyanAzureLight (33CCFF)
 GreenGreenSpring (33FF00) GreenLightHard (33FF33) GreenTealLight (33FF66)
 TealLightHard (33FF99) CyanTealLight (33FFCC) CyanLightHard (33FFFF)
 RedObscureDull (660000) PinkObscureDull (660033) MagentaObscureDull (660066)
 VioletMagentaDark (660099) VioletDarkHard (6600CC) VioletVioletBlue (6600FF)
 OrangeObscureDull (663300) RedDarkWeak (663333) MagentaDarkWeak (663366)
 VioletDarkDull (663399) VioletBlueMedium (6633CC) BlueVioletLight (6633FF)
 YellowObscureDull (666600) YellowDarkWeak (666633) GrayDark (666666)
 BlueMediumWeak (666699) BlueLightDull (6666CC) BlueLightFaded (6666FF)
 SpringYellowDark (669900) SpringDarkDull (669933) GreenMediumWeak (669966)
 CyanMediumWeak (669999) AzureLightDull (6699CC) AzureBlueLight (6699FF)
 SpringDarkHard (66CC00) SpringGreenMedium (66CC33) GreenLightDull (66CC66)
 TealLightDull (66CC99) CyanLightDull (66CCCC) AzureCyanLight (66CCFF)
 SpringSpringGreen (66FF00) GreenSpringLight (66FF33) GreenLightFaded (66FF66)
 TealGreenLight (66FF99) TealCyanLight (66FFCC) CyanLightFaded (66FFFF)
 RedDarkFaded (990000) PinkRedDark (990033) PinkMagentaDark (990066)
 MagentaDarkFaded (990099) MagentaVioletDark (9900CC) VioletVioletMagenta (9900FF)
 OrangeRedDark (993300) RedDarkDull (993333) PinkDarkDull (993366)
 MagentaDarkDull (993399) VioletMagentaMedium (9933CC) VioletLightHard (9933FF)
 OrangeYellowDark (996600) OrangeDarkDull (996633) RedMediumWeak (996666)
 MagentaMediumWeak (996699) VioletLightDull (9966CC) VioletBlueLight (9966FF)
 YellowDarkFaded (999900) YellowDarkDull (999933) YellowMediumWeak (999966)
 GrayLight (999999) BlueLightWeak (9999CC) BluePaleDull (9999FF)
 YellowSpringDark (99CC00) SpringYellowMedium (99CC33) SpringLightDull (99CC66)
 GreenLightWeak (99CC99) CyanLightWeak (99CCCC) AzurePaleDull (99CCFF)
 SpringSpringYellow (99FF00) SpringLightHard (99FF33) SpringGreenLight (99FF66)
 GreenPaleDull (99FF99) TealPaleDull (99FFCC) CyanPaleDull (99FFFF)
 RedDarkHard (CC0000) RedPinkDark (CC0033) PinkDarkHard (CC0066)
 MagentaPinkDark (CC0099) MagentaDarkHard (CC00CC) MagentaMagentaViolet (CC00FF)
 RedOrangeDark (CC3300) RedMediumFaded (CC3333) PinkRedMedium (CC3366)
 PinkMagentaMedium (CC3399) MagentaMediumFaded (CC33CC) MagentaVioletLight (CC33FF)
 OrangeDarkHard (CC6600) OrangeRedMedium (CC6633) RedLightDull (CC6666)
 PinkLightDull (CC6699) MagentaLightDull (CC66CC) VioletMagentaLight (CC66FF)
 YellowOrangeDark (CC9900) OrangeYellowMedium (CC9933) OrangeLightDull (CC9966)
 RedLightWeak (CC9999) MagentaLightWeak (CC99CC) VioletPaleDull (CC99FF)
 YellowDarkHard (CCCC00) YellowMediumFaded (CCCC33) YellowLightDull (CCCC66)
 YellowLightWeak (CCCC99) GrayPale (CCCCCC) BluePaleWeak (CCCCFF)
 YellowYellowSpring (CCFF00) YellowSpringLight (CCFF33) SpringYellowLight (CCFF66)
 SpringPaleDull (CCFF99) GreenPaleWeak (CCFFCC) CyanPaleWeak (CCFFFF)
 Red (FF0000) RedRedPink (FF0033) PinkPinkRed (FF0066)
 PinkPinkMagenta (FF0099) MagentaMagentaPink (FF00CC) Magenta (FF00FF)
 RedRedOrange (FF3300) RedLightHard (FF3333) RedPinkLight (FF3366)
 PinkLightHard (FF3399) MagentaPinkLight (FF33CC) MagentaLightHard (FF33FF)
 OrangeOrangeRed (FF6600) RedOrangeLight (FF6633) RedLightFaded (FF6666)
 PinkRedLight (FF6699) PinkMagentaLight (FF66CC) MagentaLightFaded (FF66FF)
 OrangeOrangeYellow (FF9900) OrangeLightHard (FF9933) OrangeRedLight (FF9966)
 RedPaleDull (FF9999) PinkPaleDull (FF99CC) MagentaPaleDull (FF99FF)
 YellowYellowOrange (FFCC00) YellowOrangeLight (FFCC33) OrangeYellowLight (FFCC66)
 OrangePaleDull (FFCC99) RedPaleWeak (FFCCCC) MagentaPaleWeak (FFCCFF)
 Yellow (FFFF00) YellowLightHard (FFFF33) YellowLightFaded (FFFF66)
 YellowPaleDull (FFFF99) YellowPaleWeak (FFFFCC) White (FFFFFF)

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

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AzureCyanLight	2, 3, 4	GreenDarkFaded	2, 3, 4
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SpringGreenDark	2, 3, 4	YellowLightFaded	2, 3, 4
SpringGreenLight	2, 3, 4	YellowLightHard	2, 3, 4
SpringGreenMedium	2, 3, 4	YellowLightWeak	2, 3, 4
SpringLightDull	2, 3, 4	YellowMediumFaded	2, 3, 4
SpringLightHard	2, 3, 4	YellowMediumWeak	2, 3, 4
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SpringYellowDark	2, 3, 4	YellowPaleDull	2, 3, 4
SpringYellowLight	2, 3, 4	YellowPaleWeak	2, 3, 4
SpringYellowMedium	2, 3, 4	YellowSpringDark	2, 3, 4
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