The colorweb package*

The 216 Web-safe colors

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Abstract

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

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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.

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)

2 meta-comments

2.1 Package Identification

`colorweb.dtx`
This file contains the DocumentedTEX for The colorweb Package.
Run this file through `pdf`LATEX using the command

```
pdflatex colorweb.dtx
```

to install the package files and typeset the documentation.
Run the `docstrip` installation script through LATEX using the command

```
tex colorweb.ins
```

to install the style file `colorweb.sty`.

```
⟨*colorweb.sty, README⟩
%%==================================================================
%%                          The colorweb Package
%%                       the 216 Web-safe colors
%%                  Copyright (c) 2013  John E. Beach
%%==================================================================
%%
⟨/colorweb.sty, README⟩
```

2.2 Installed File Identification

```
⟨*colorweb.sty⟩
%% This is file ‘colorweb.sty’, installed using the command:
%%
%%     pdflatex colorweb.dtx
%%
%% and is the style file for The colorweb Package.
%%
⟨/colorweb.sty⟩
⟨*README⟩
%% This is file ‘README’, installed using the command:
%%
%%     pdflatex colorweb.dtx
%%
%% and contains basic information about The colorweb Package.
%%
⟨/README⟩
```

2.3 License

```
⟨*colorweb.sty, README⟩
%% The colorweb Package is free software and may be distributed and/or
%% modified under the conditions of the LaTeX Project Public License,
%% either version 1.3c of this license or (at your option) any later
%% version. The latest version of this license is in
%%
%%     http://www.latex-project.org/lppl.txt
%%
```

```
%% and version 1.3c or later is part of all distributions of LaTeX
%% dated 2005/12/01 or later.
%%
```

2.4 Maintenance

```
%% The colorweb Package has the LPPL maintenance status 'maintained'.
%%
%% The Current Maintainer of The colorweb Package is John E. Beach
%% (john e beach at hot mail dot com). Please use the subject line
%% 'colorweb' when contacting the Current Maintainer.
%%
```

2.5 Manifest

The following files are part of The colorweb Package.

2.5.1 Source files

`colorweb.dtx`	DocumentedTEX for The colorweb Package.

2.5.2 Files installed from `colorweb.dtx`

`colorweb.sty`	Style file containing `\definecolor`s for the 216 Web-safe colors.
`README`	Basic information about The colorweb Package.
`descript.ion`	File descriptions.
`colorweb.pdf`	User Documentation, Implementation, Change History, and Index (14 pages).
`colorwebuser.pdf`	User Documentation and Index (6 pages).
`colorwebfull.pdf`	meta-comments, User Documentation, Package Installer, Documentation Driver, Documentation Style, File Descriptions, Implementation, Change History, and Index (21 pages).

2.5.3 Installed files manifest

```
%% The colorweb Package consists of the files listed in the Manifest
%% meta-comments in the file 'colorweb.dtx'.
%%
```

2.6 Modification

Any modified versions of this file must be renamed with new filenames distinct from 'colorweb.dtx'.

```
%% Any modified versions of this file must be renamed with new
⟨/colorweb.sty, README⟩

⟨*colorweb.sty⟩
%% filenames distinct from 'colorweb.sty'.
⟨/colorweb.sty⟩

⟨*README⟩
```

```
%% filenames distinct from 'README'.
⟨/README⟩
⟨*colorweb.sty, README⟩
%%
%%=============================================================================
⟨/colorweb.sty, README⟩
```

2.7 Index editing

The index was edited in the following places:

1. `\newpage` was added before `\begin{theindex}`.
2. `\ShowColorSize` was added at the end of the line containing `\scan@allowedfalse`.
3. Two extra `\indexspace`s (total of three) were added before the letter 'G' to correct a bad column break.
4. Two extra `\indexspace`s (total of three) were added before the letter 'T' to correct a bad column break.
5. `\IndexColor{White}` was replaced with `\ShowInverse{White}{\ShowColorSize}`

3 The Package Installer

`docstrip.tex`
`colorweb.dtx`
`colorweb.sty`
`README`
`descript.ion`

The following code is the package installer, *i.e.*, the code that installs the package files from the `.dtx`. It is executed every time the `.dtx` is pdfLaTeXed[1]—which I think is really neat: install a brand-spanking-new, up-to-date style file every time you typeset its documentation, which might be necessary since editing the documentation implies perhaps editing the style.

These lines are necessary to prevent errors when typesetting the `.dtx`.

```
%    \iffalse
⟨*installer⟩
\begingroup
```

This is the `docstrip` installation script, with syntax highlighting courtesy of the colordoc package.

```
\input docstrip.tex
\keepsilent
\askforoverwritefalse
\nopreamble
\nopostamble
\generate{\file{colorweb.sty}   {\from{\jobname.dtx}{colorweb.sty}}
          \file{README}         {\from{\jobname.dtx}{README}}
          \file{descript.ion}   {\from{\jobname.dtx}{descript.ion}}
}
```

These lines are necessary to prevent errors when typesetting the `.dtx`.

```
\endgroup
⟨/installer⟩
%    \fi
```

[1] pdfLaTeX is *required*; `CTAN` requires `.pdf` documentation anyway, and `yap` (MiKTeX's `.dvi` previewer) doesn't support the `hyperref` specials necessary for cross referencing.

4 The Documentation Driver

This document is typeset according to the conventions of the LaTeX `doc` package and `docstrip` utility. This enables automatic installation of package source and documentation files[2].

The following code is the documentation driver, *i.e.*, the code that produced the document you are currently reading. Since it is the first typesetting code in the document, you can produce the documentation by running `pdfLaTeX` on this (*i.e.*, the `.dtx`) file.

`\NeedsTeXFormat` This package requires LaTeX 2_ε.

```
⟨colorweb.sty⟩\NeedsTeXFormat{LaTeX2e}
```

`\ProvidesPackage` Identify the package ...

```
⟨colorweb.sty⟩\ProvidesPackage{colorweb}
```

`\ProvidesFile` and this document.

```
⟨*driver⟩
        \ProvidesFile{\jobname.dtx}
⟨/driver⟩
⟨*colorweb.sty⟩
        [2013/08/20 v1.3 The 216 Web-safe colors]
⟨/colorweb.sty⟩
```

`\documentclass` Specify the document class ...

```
⟨*driver⟩
\documentclass[10pt,final]{ltxdoc}
```

`\usepackage` and packages.

```
\usepackage[T1]{fontenc}
\usepackage{indentfirst}
\usepackage{lmodern}
\usepackage{longtable}
\pagestyle{headings}
\usepackage[right=54.2025pt,
            textwidth=355pt,
            marginparwidth=121pt,
            top=99.27pt,
            headsep=15.0pt]{geometry}
\usepackage[numbered]{hypdoc}
\usepackage[contents]{colordoc}
\definecolor{color-2}{rgb}{0,0.8,0}
\usepackage{colorweb}
```

`\subsectionShowColor` Special `\subsection` for color name lists.

```
\makeatletter
\newcommand{\subsectionShowColor}[1]{\newpage%
                                     \normalsize%
                                     \subsection{#1}%
                                     \ShowColorSize%
}
```

`\ShowColorSize` Display color names in a smaller font size so that each (non-index) list fits on

[2] Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The LaTeX Companion*. Addison-Wesley Publishing Company, 1994. Yes, I know there's a 2nd edition, but I like the 1st edition `.dtx` examples better.

one page.

```
\newcommand*{\ShowColorSize}{\scriptsize}
```

`\ShowColor` Display a color name in that color.

```
\newcommand*{\ShowColor}[1]{%
        \color{#1}#1%
```

The index entry is not "hyperrefed" since it just goes to the color listing pages; however, it does display as "usage".

```
        \index{#1\actualchar\string\IndexColor{#1}\encapchar usage}%
}
```

`\ShowColorValue` Display a color name and its value in that color.

```
\newcommand*{\ShowColorValue}[2]{%
        \color{#1}#1\color{Black}\ (\color{#1}#2\color{Black})
        \index{#1\actualchar\string\IndexColor{#1}\encapchar usage}%
}
```

`\ShowInverse` "White" is handled a little differently, since white-on-white is kinda hard to see ...

`\ShowInverseWidth` `\ShowInverseHeight` Lengths for width and height.

```
\newlength{\ShowInverseWidth}
\newlength{\ShowInverseHeight}
```

`#1` is the color; `#2` is the font size.

```
\newcommand*{\ShowInverse}[2]{%
```

Calculate width and height of the parameter.

```
        \settowidth{\ShowInverseWidth}{#2#1}%
        \settoheight{\ShowInverseHeight}{#2#1}%
```

Typeset a black box in that width and height.

```
        \color{Black}\rule{\ShowInverseWidth}{\ShowInverseHeight}%
```

"Backspace" and add text.

```
        \hspace{-\ShowInverseWidth}\color{White}#1\color{Black}%
}
```

`\IndexColor` Index a color name in that color.

```
\newcommand*{\IndexColor}[1]{\color{#1}#1\color{Black}}
```

`WebColor` The `WebColor` environment formats and indexes color names in the implementation.

```
\newenvironment{WebColor}[1]%
```

Start a group to localize the environment.

```
   {\begingroup%
```

Typeset a blank line as a reference point.

```
    \texttt{}%
```

Fill a marginal paragraph with the color name and then adjust the vertical spacing to the blank line.

```
    \mpt{\color{#1}\rule{2em}{2ex}\hfill#1\color{Black}}%
    \vspace{-3.20ex}%
```

Increment the `CodelineNo` to get the correct reference, write an index entry using `hypdoc`'s `hdclindex` command, and restore the `CodelineNo`.

```
    \makeatletter
    \global\advance\c@CodelineNo\@ne
    \codeline@wrindex{#1%
                      \actualchar\string\IndexColor{#1}%
                      \encapchar hdclindex{\number\c@CodelineNo}{main}}%
    \global\advance\c@CodelineNo\m@ne
    \makeatother
  }
```

End the environment's group.

```
  {\endgroup}
```

Marginal paragraphs without indexing.

`\mpSize` First, a font size command.

```
\newcommand*{\mpSize}{\small}
```

`\mpc` Next, a marginal paragraph for commands.

```
\newcommand*{\mpc}[1]{\marginpar{\strut%
                                 \ttfamily%
                                 \mpSize%
                                 \raggedleft%
                                 \string#1}%
}
```

`\mpt` Finally, a marginal paragraph for text, identical to `\mpc` except for the absence of the `\string`.

```
\newcommand*{\mpt}[1]{\marginpar{\strut%
                                 \ttfamily%
                                 \mpSize%
                                 \raggedleft#1}%
}
```

`\pdfLaTeX` Format name used several times in this document.

```
\newcommand{\pdfLaTeX}{\texttt{pdf}\LaTeX}
```

`\DoNotIndex` some implementation commands.[3]

```
\DoNotIndex{\definecolor,\RequirePackage}
\makeatother
```

`\RecordChanges` Create change history.

```
\RecordChanges
```

`\EnableCrossrefs` Create two column index by line number.

`IndexColumns`
`\CodelineIndex`

```
\EnableCrossrefs
\setcounter{IndexColumns}{2}
\CodelineIndex
```

`\GetFileInfo` Retrieve date and version information.

```
\GetFileInfo{\jobname.dtx}
```

`\DocInput` Typeset package documentation.

```
\begin{document}
```

[3] The package installer, description, and documentation driver use `\SpecialEscapechar{\^}` to inhibit the indexing of *any* `macrocode` in these sections.

```
  \DocInput{\jobname.dtx}
\end{document}
⟨/driver⟩
```

5 File Descriptions

`descript.ion` These are file descriptions, written to the file `descript.ion`. Some command processors will show descriptions when displaying a directory list.

```
⟨*descript.ion⟩
colorweb.dtx The 216 Web-safe colors Package
colorweb.ins The 216 Web-safe colors Installer
colorweb.pdf The 216 Web-safe colors Documentation
colorwebuser.pdf The 216 Web-safe colors User Doc
colorwebfull.pdf The 216 Web-safe colors Full Doc
colorweb.sty The 216 Web-safe colors Package Style
README The 216 Web-safe colors Basic Info
descript.ion File Descriptions
⟨/descript.ion⟩
```

6 Implementation

Define the 216 Web-safe colors using `\definecolor` from the color package. Each `\definecolor` is commented with decimal and hexadecimal values equivalent to the rgb.

```
⟨*colorweb.sty⟩
\RequirePackage{color}
```

6.1 Black

```
\definecolor{Black}{rgb}{0,0,0}                 %  0,  0,  0 %000000
\definecolor{GrayObscure}{rgb}{0.2,0.2,0.2}     % 51, 51, 51 %333333
\definecolor{GrayDark}{rgb}{0.4,0.4,0.4}        %102,102,102 %666666
\definecolor{GrayLight}{rgb}{0.6,0.6,0.6}       %153,153,153 %999999
\definecolor{GrayPale}{rgb}{0.8,0.8,0.8}        %204,204,204 %CCCCCC
\definecolor{White}{rgb}{1,1,1}                 %255,255,255 %FFFFFF
```

6.2 Red

```
\definecolor{Red}{rgb}{1,0,0}                   %255,  0,  0 %FF0000
\definecolor{RedDarkHard}{rgb}{0.8,0,0}         %204,  0,  0 %CC0000
\definecolor{RedLightHard}{rgb}{1,0.2,0.2}      %255, 51, 51 %FF3333
\definecolor{RedDarkFaded}{rgb}{0.6,0,0}        %153,  0,  0 %990000
\definecolor{RedMediumFaded}{rgb}{0.8,0.2,0.2}  %204, 51, 51 %CC3333
\definecolor{RedLightFaded}{rgb}{1,0.4,0.4}     %255,102,102 %FF6666
\definecolor{RedObscureDull}{rgb}{0.4,0,0}      %102,  0,  0 %660000
```

```
RedDarkDull       183 \definecolor{RedDarkDull}{rgb}{0.6,0.2,0.2}          %153, 51, 51 %993333
RedLightDull      184 \definecolor{RedLightDull}{rgb}{0.8,0.4,0.4}         %204,102,102 %CC6666
RedPaleDull       185 \definecolor{RedPaleDull}{rgb}{1,0.6,0.6}            %255,153,153 %FF9999
RedObscureWeak    186 \definecolor{RedObscureWeak}{rgb}{0.2,0,0}           % 51,  0,  0 %330000
RedDarkWeak       187 \definecolor{RedDarkWeak}{rgb}{0.4,0.2,0.2}          %102, 51, 51 %663333
RedMediumWeak     188 \definecolor{RedMediumWeak}{rgb}{0.6,0.4,0.4}        %153,102,102 %996666
RedLightWeak      189 \definecolor{RedLightWeak}{rgb}{0.8,0.6,0.6}         %204,153,153 %CC9999
RedPaleWeak       190 \definecolor{RedPaleWeak}{rgb}{1,0.8,0.8}            %255,204,204 %FFCCCC
```

6.3 Orange Red

```
OrangeRedDark     191 \definecolor{OrangeRedDark}{rgb}{0.6,0.2,0}          %153, 51,  0 %993300
OrangeRedMedium   192 \definecolor{OrangeRedMedium}{rgb}{0.8,0.4,0.2}     %204,102, 51 %CC6633
OrangeRedLight    193 \definecolor{OrangeRedLight}{rgb}{1,0.6,0.4}         %255,153,102 %FF9966
OrangeOrangeRed   194 \definecolor{OrangeOrangeRed}{rgb}{1,0.4,0}         %255,102,  0 %FF6600
RedOrangeDark     195 \definecolor{RedOrangeDark}{rgb}{0.8,0.2,0}          %204, 51,  0 %CC3300
RedOrangeLight    196 \definecolor{RedOrangeLight}{rgb}{1,0.4,0.2}         %255,102, 51 %FF6633
RedRedOrange      197 \definecolor{RedRedOrange}{rgb}{1,0.2,0}             %255, 51,  0 %FF3300
```

6.4 Orange

```
OrangeDarkHard    198 \definecolor{OrangeDarkHard}{rgb}{0.8,0.4,0}        %204,102,  0 %CC6600
OrangeLightHard   199 \definecolor{OrangeLightHard}{rgb}{1,0.6,0.2}       %255,153, 51 %FF9933
OrangeObscureDull 200 \definecolor{OrangeObscureDull}{rgb}{0.4,0.2,0}     %102, 51,  0 %663300
OrangeDarkDull    201 \definecolor{OrangeDarkDull}{rgb}{0.6,0.4,0.2}      %153,102, 51 %996633
OrangeLightDull   202 \definecolor{OrangeLightDull}{rgb}{0.8,0.6,0.4}     %204,153,102 %CC9966
OrangePaleDull    203 \definecolor{OrangePaleDull}{rgb}{1,0.8,0.6}        %255,204,153 %FFCC99
```

6.5 Orange Yellow

```
OrangeYellowDark  204 \definecolor{OrangeYellowDark}{rgb}{0.6,0.4,0}      %153,102,  0 %996600
OrangeYellowMedium 205 \definecolor{OrangeYellowMedium}{rgb}{0.8,0.6,0.2} %204,153, 51 %CC9933
OrangeYellowLight 206 \definecolor{OrangeYellowLight}{rgb}{1,0.8,0.4}     %255,204,102 %FFCC66
OrangeOrangeYellow 207 \definecolor{OrangeOrangeYellow}{rgb}{1,0.6,0}     %255,153,  0 %FF9900
YellowOrangeDark  208 \definecolor{YellowOrangeDark}{rgb}{0.8,0.6,0}      %204,153,  0 %CC9900
YellowOrangeLight 209 \definecolor{YellowOrangeLight}{rgb}{1,0.8,0.2}     %255,204, 51 %FFCC33
YellowYellowOrange 210 \definecolor{YellowYellowOrange}{rgb}{1,0.8,0}     %255,204,  0 %FFCC00
```

6.6 Yellow

```
211 \definecolor{Yellow}{rgb}{1,1,0}                    %255,255,  0 %FFFF00
212 \definecolor{YellowDarkHard}{rgb}{0.8,0.8,0}        %204,204,  0 %CCCC00
213 \definecolor{YellowLightHard}{rgb}{1,1,0.2}         %255,255, 51 %FFFF33
214 \definecolor{YellowDarkFaded}{rgb}{0.6,0.6,0}       %153,153,  0 %999900
215 \definecolor{YellowMediumFaded}{rgb}{0.8,0.8,0.2}   %204,204, 51 %CCCC33
216 \definecolor{YellowLightFaded}{rgb}{1,1,0.4}        %255,255,102 %FFFF66
217 \definecolor{YellowObscureDull}{rgb}{0.4,0.4,0}     %102,102,  0 %666600
218 \definecolor{YellowDarkDull}{rgb}{0.6,0.6,0.2}      %153,153, 51 %999933
219 \definecolor{YellowLightDull}{rgb}{0.8,0.8,0.4}     %204,204,102 %CCCC66
220 \definecolor{YellowPaleDull}{rgb}{1,1,0.6}         %255,255,153 %FFFF99
221 \definecolor{YellowObscureWeak}{rgb}{0.2,0.2,0}    % 51, 51,  0 %333300
222 \definecolor{YellowDarkWeak}{rgb}{0.4,0.4,0.2}     %102,102, 51 %666633
223 \definecolor{YellowMediumWeak}{rgb}{0.6,0.6,0.4}   %153,153,102 %999966
224 \definecolor{YellowLightWeak}{rgb}{0.8,0.8,0.6}    %204,204,153 %CCCC99
225 \definecolor{YellowPaleWeak}{rgb}{1,1,0.8}         %255,255,204 %FFFFCC
```

6.7 Spring Yellow

```
226 \definecolor{SpringYellowDark}{rgb}{0.4,0.6,0}     %102,153,  0 %669900
227 \definecolor{SpringYellowMedium}{rgb}{0.6,0.8,0.2} %153,204, 51 %99CC33
228 \definecolor{SpringYellowLight}{rgb}{0.8,1,0.4}    %204,255,102 %CCFF66
229 \definecolor{SpringSpringYellow}{rgb}{0.6,1,0}     %153,255,  0 %99FF00
230 \definecolor{YellowSpringDark}{rgb}{0.6,0.8,0}     %153,204,  0 %99CC00
231 \definecolor{YellowSpringLight}{rgb}{0.8,1,0.2}    %204,255, 51 %CCFF33
232 \definecolor{YellowYellowSpring}{rgb}{0.8,1,0}     %204,255,  0 %CCFF00
```

6.8 Spring

```
233 \definecolor{SpringDarkHard}{rgb}{0.4,0.8,0}      %102,204,  0 %66CC00
234 \definecolor{SpringLightHard}{rgb}{0.6,1,0.2}     %153,255, 51 %99FF33
235 \definecolor{SpringObscureDull}{rgb}{0.2,0.4,0}   % 51,102,  0 %336600
236 \definecolor{SpringDarkDull}{rgb}{0.4,0.6,0.2}    %102,153, 51 %669933
237 \definecolor{SpringLightDull}{rgb}{0.6,0.8,0.4}   %153,204,102 %99CC66
238 \definecolor{SpringPaleDull}{rgb}{0.8,1,0.6}      %204,255,153 %CCFF99
```

6.9 Spring Green

```
239 \definecolor{SpringGreenDark}{rgb}{0.2,0.6,0}          % 51,153,  0 %339900
240 \definecolor{SpringGreenMedium}{rgb}{0.4,0.8,0.2}      %102,204, 51 %66CC33
241 \definecolor{SpringGreenLight}{rgb}{0.6,1,0.4}         %153,255,102 %99FF66
242 \definecolor{SpringSpringGreen}{rgb}{0.4,1,0}          %102,255,  0 %66FF00
243 \definecolor{GreenSpringDark}{rgb}{0.2,0.8,0}          % 51,204,  0 %33CC00
244 \definecolor{GreenSpringLight}{rgb}{0.4,1,0.2}        %102,255, 51 %66FF33
245 \definecolor{GreenGreenSpring}{rgb}{0.2,1,0}          % 51,255,  0 %33FF00
```

6.10 Green

```
246 \definecolor{Green}{rgb}{0,1,0}                      %  0,255,  0 %00FF00
247 \definecolor{GreenDarkHard}{rgb}{0,0.8,0}            %  0,204,  0 %00CC00
248 \definecolor{GreenLightHard}{rgb}{0.2,1,0.2}         % 51,255, 51 %33FF33
249 \definecolor{GreenDarkFaded}{rgb}{0,0.6,0}           %  0,153,  0 %009900
250 \definecolor{GreenMediumFaded}{rgb}{0.2,0.8,0.2}    % 51,204, 51 %33CC33
251 \definecolor{GreenLightFaded}{rgb}{0.4,1,0.4}       %102,255,102 %66FF66
252 \definecolor{GreenObscureDull}{rgb}{0,0.4,0}        %  0,102,  0 %006600
253 \definecolor{GreenDarkDull}{rgb}{0.2,0.6,0.2}       % 51,153, 51 %339933
254 \definecolor{GreenLightDull}{rgb}{0.4,0.8,0.4}      %102,204,102 %66CC66
255 \definecolor{GreenPaleDull}{rgb}{0.6,1,0.6}         %153,255,153 %99FF99
256 \definecolor{GreenObscureWeak}{rgb}{0,0.2,0}        %  0, 51,  0 %003300
257 \definecolor{GreenDarkWeak}{rgb}{0.2,0.4,0.2}       % 51,102, 51 %336633
258 \definecolor{GreenMediumWeak}{rgb}{0.4,0.6,0.4}     %102,153,102 %669966
259 \definecolor{GreenLightWeak}{rgb}{0.6,0.8,0.6}      %153,204,153 %99CC99
260 \definecolor{GreenPaleWeak}{rgb}{0.8,1,0.8}         %204,255,204 %CCFFCC
```

6.11 Teal Green

```
261 \definecolor{TealGreenDark}{rgb}{0,0.6,0.2}        %  0,153, 51 %009933
262 \definecolor{TealGreenMedium}{rgb}{0.2,0.8,0.4}    % 51,204,102 %33CC66
263 \definecolor{TealGreenLight}{rgb}{0.4,1,0.6}       %102,255,153 %66FF99
264 \definecolor{TealTealGreen}{rgb}{0,1,0.4}          %  0,255,102 %00FF66
265 \definecolor{GreenTealDark}{rgb}{0,0.8,0.2}        %  0,204, 51 %00CC33
266 \definecolor{GreenTealLight}{rgb}{0.2,1,0.4}       % 51,255,102 %33FF66
267 \definecolor{GreenGreenTeal}{rgb}{0,1,0.2}         %  0,255, 51 %00FF33
```

6.12 Teal

```
TealDarkHard      268 \definecolor{TealDarkHard}{rgb}{0,0.8,0.4}      %  0,204,102 %00CC66
TealLightHard     269 \definecolor{TealLightHard}{rgb}{0.2,1,0.6}     % 51,255,153 %33FF99
TealObscureDull   270 \definecolor{TealObscureDull}{rgb}{0,0.4,0.2}  %  0,102, 51 %006633
TealDarkDull      271 \definecolor{TealDarkDull}{rgb}{0.2,0.6,0.4}   % 51,153,102 %339966
TealLightDull     272 \definecolor{TealLightDull}{rgb}{0.4,0.8,0.6}  %102,204,153 %66CC99
TealPaleDull      273 \definecolor{TealPaleDull}{rgb}{0.6,1,0.8}     %153,255,204 %99FFCC
```

6.13 Teal Cyan

```
TealCyanDark      274 \definecolor{TealCyanDark}{rgb}{0,0.6,0.4}     %  0,153,102 %009966
TealCyanMedium    275 \definecolor{TealCyanMedium}{rgb}{0.2,0.8,0.6} % 51,204,153 %33CC99
TealCyanLight     276 \definecolor{TealCyanLight}{rgb}{0.4,1,0.8}    %102,255,204 %66FFCC
TealTealCyan      277 \definecolor{TealTealCyan}{rgb}{0,1,0.6}       %  0,255,153 %00FF99
CyanTealDark      278 \definecolor{CyanTealDark}{rgb}{0,0.8,0.6}     %  0,204,153 %00CC99
CyanTealLight     279 \definecolor{CyanTealLight}{rgb}{0.2,1,0.8}    % 51,255,204 %33FFCC
CyanCyanTeal      280 \definecolor{CyanCyanTeal}{rgb}{0,1,0.8}       %  0,255,204 %00FFCC
```

6.14 Cyan

```
Cyan              281 \definecolor{Cyan}{rgb}{0,1,1}                 %  0,255,255 %00FFFF
CyanDarkHard      282 \definecolor{CyanDarkHard}{rgb}{0,0.8,0.8}     %  0,204,204 %00CCCC
CyanLightHard     283 \definecolor{CyanLightHard}{rgb}{0.2,1,1}      % 51,255,255 %33FFFF
CyanDarkFaded     284 \definecolor{CyanDarkFaded}{rgb}{0,0.6,0.6}    %  0,153,153 %009999
CyanMediumFaded   285 \definecolor{CyanMediumFaded}{rgb}{0.2,0.8,0.8} % 51,204,204 %33CCCC
CyanLightFaded    286 \definecolor{CyanLightFaded}{rgb}{0.4,1,1}     %102,255,255 %66FFFF
CyanObscureDull   287 \definecolor{CyanObscureDull}{rgb}{0,0.4,0.4}  %  0,102,102 %006666
CyanDarkDull      288 \definecolor{CyanDarkDull}{rgb}{0.2,0.6,0.6}   % 51,153,153 %339999
CyanLightDull     289 \definecolor{CyanLightDull}{rgb}{0.4,0.8,0.8}  %102,204,204 %66CCCC
CyanPaleDull      290 \definecolor{CyanPaleDull}{rgb}{0.6,1,1}       %153,255,255 %99FFFF
CyanObscureWeak   291 \definecolor{CyanObscureWeak}{rgb}{0,0.2,0.2}  %  0, 51, 51 %003333
CyanDarkWeak      292 \definecolor{CyanDarkWeak}{rgb}{0.2,0.4,0.4}   % 51,102,102 %336666
CyanMediumWeak    293 \definecolor{CyanMediumWeak}{rgb}{0.4,0.6,0.6} %102,153,153 %669999
CyanLightWeak     294 \definecolor{CyanLightWeak}{rgb}{0.6,0.8,0.8}  %153,204,204 %99CCCC
CyanPaleWeak      295 \definecolor{CyanPaleWeak}{rgb}{0.8,1,1}       %204,255,255 %CCFFFF
```

6.15 Azure Cyan

```
AzureCyanDark      296 \definecolor{AzureCyanDark}{rgb}{0,0.4,0.6}          %   0,102,153 %006699
AzureCyanMedium    297 \definecolor{AzureCyanMedium}{rgb}{0.2,0.6,0.8}      %  51,153,204 %3399CC
AzureCyanLight     298 \definecolor{AzureCyanLight}{rgb}{0.4,0.8,1}         %102,204,255 %66CCFF
AzureAzureCyan     299 \definecolor{AzureAzureCyan}{rgb}{0,0.6,1}           %   0,153,255 %0099FF
CyanAzureDark      300 \definecolor{CyanAzureDark}{rgb}{0,0.6,0.8}          %   0,153,204 %0099CC
CyanAzureLight     301 \definecolor{CyanAzureLight}{rgb}{0.2,0.8,1}         %  51,204,255 %33CCFF
CyanCyanAzure      302 \definecolor{CyanCyanAzure}{rgb}{0,0.8,1}            %   0,204,255 %00CCFF
```

6.16 Azure

```
AzureDarkHard      303 \definecolor{AzureDarkHard}{rgb}{0,0.4,0.8}         %   0,102,204 %0066CC
AzureLightHard     304 \definecolor{AzureLightHard}{rgb}{0.2,0.6,1}        %  51,153,255 %3399FF
AzureObscureDull   305 \definecolor{AzureObscureDull}{rgb}{0,0.2,0.4}     %   0, 51,102 %003366
AzureDarkDull      306 \definecolor{AzureDarkDull}{rgb}{0.2,0.4,0.6}       %  51,102,153 %336699
AzureLightDull     307 \definecolor{AzureLightDull}{rgb}{0.4,0.6,0.8}      %102,153,204 %6699CC
AzurePaleDull      308 \definecolor{AzurePaleDull}{rgb}{0.6,0.8,1}         %153,204,255 %99CCFF
```

6.17 Azure Blue

```
AzureBlueDark      309 \definecolor{AzureBlueDark}{rgb}{0,0.2,0.6}         %   0, 51,153 %003399
AzureBlueMedium    310 \definecolor{AzureBlueMedium}{rgb}{0.2,0.4,0.8}     %  51,102,204 %3366CC
AzureBlueLight     311 \definecolor{AzureBlueLight}{rgb}{0.4,0.6,1}        %102,153,255 %6699FF
AzureAzureBlue     312 \definecolor{AzureAzureBlue}{rgb}{0,0.4,1}          %   0,102,255 %0066FF
BlueAzureDark      313 \definecolor{BlueAzureDark}{rgb}{0,0.2,0.8}         %   0, 51,204 %0033CC
BlueAzureLight     314 \definecolor{BlueAzureLight}{rgb}{0.2,0.4,1}        %  51,102,255 %3366FF
BlueBlueAzure      315 \definecolor{BlueBlueAzure}{rgb}{0,0.2,1}           %   0, 51,255 %0033FF
```

6.18 Blue

```
Blue               316 \definecolor{Blue}{rgb}{0,0,1}                      %   0,   0,255 %0000FF
BlueDarkHard       317 \definecolor{BlueDarkHard}{rgb}{0,0,0.8}            %   0,   0,204 %0000CC
BlueLightHard      318 \definecolor{BlueLightHard}{rgb}{0.2,0.2,1}         %  51,  51,255 %3333FF
BlueDarkFaded      319 \definecolor{BlueDarkFaded}{rgb}{0,0,0.6}           %   0,   0,153 %000099
BlueMediumFaded    320 \definecolor{BlueMediumFaded}{rgb}{0.2,0.2,0.8}     %  51,  51,204 %3333CC
BlueLightFaded     321 \definecolor{BlueLightFaded}{rgb}{0.4,0.4,1}        %102,102,255 %6666FF
BlueObscureDull    322 \definecolor{BlueObscureDull}{rgb}{0,0,0.4}         %   0,   0,102 %000066
BlueDarkDull       323 \definecolor{BlueDarkDull}{rgb}{0.2,0.2,0.6}        %  51,  51,153 %333399
BlueLightDull      324 \definecolor{BlueLightDull}{rgb}{0.4,0.4,0.8}       %102,102,204 %6666CC
BluePaleDull       325 \definecolor{BluePaleDull}{rgb}{0.6,0.6,1}          %153,153,255 %9999FF
BlueObscureWeak    326 \definecolor{BlueObscureWeak}{rgb}{0,0,0.2}         %   0,   0, 51 %000033
BlueDarkWeak       327 \definecolor{BlueDarkWeak}{rgb}{0.2,0.2,0.4}        %  51,  51,102 %333366
BlueMediumWeak     328 \definecolor{BlueMediumWeak}{rgb}{0.4,0.4,0.6}      %102,102,153 %666699
BlueLightWeak      329 \definecolor{BlueLightWeak}{rgb}{0.6,0.6,0.8}       %153,153,204 %9999CC
BluePaleWeak       330 \definecolor{BluePaleWeak}{rgb}{0.8,0.8,1}          %204,204,255 %CCCCFF
```

6.19 Violet Blue

```
VioletBlueDark      331 \definecolor{VioletBlueDark}{rgb}{0.2,0,0.6}          % 51,   0,153 %330099
VioletBlueMedium    332 \definecolor{VioletBlueMedium}{rgb}{0.4,0.2,0.8}      %102,  51,204 %6633CC
VioletBlueLight     333 \definecolor{VioletBlueLight}{rgb}{0.6,0.4,1}         %153,102,255 %9966FF
VioletVioletBlue    334 \definecolor{VioletVioletBlue}{rgb}{0.4,0,1}          %102,   0,255 %6600FF
BlueVioletDark      335 \definecolor{BlueVioletDark}{rgb}{0.2,0,0.8}          % 51,   0,204 %3300CC
BlueVioletLight     336 \definecolor{BlueVioletLight}{rgb}{0.4,0.2,1}         %102,  51,255 %6633FF
BlueBlueViolet      337 \definecolor{BlueBlueViolet}{rgb}{0.2,0,1}            % 51,   0,255 %3300FF
```

6.20 Violet

```
VioletDarkHard      338 \definecolor{VioletDarkHard}{rgb}{0.4,0,0.8}         %102,   0,204 %6600CC
VioletLightHard     339 \definecolor{VioletLightHard}{rgb}{0.6,0.2,1}        %153,  51,255 %9933FF
VioletObscureDull   340 \definecolor{VioletObscureDull}{rgb}{0.2,0,0.4}     % 51,   0,102 %330066
VioletDarkDull      341 \definecolor{VioletDarkDull}{rgb}{0.4,0.2,0.6}       %102,  51,153 %663399
VioletLightDull     342 \definecolor{VioletLightDull}{rgb}{0.6,0.4,0.8}      %153,102,204 %9966CC
VioletPaleDull      343 \definecolor{VioletPaleDull}{rgb}{0.8,0.6,1}         %204,153,255 %CC99FF
```

6.21 Violet Magenta

```
VioletMagentaDark   344 \definecolor{VioletMagentaDark}{rgb}{0.4,0,0.6}      %102,   0,153 %660099
VioletMagentaMedium 345 \definecolor{VioletMagentaMedium}{rgb}{0.6,0.2,0.8}  %153,  51,204 %9933CC
VioletMagentaLight  346 \definecolor{VioletMagentaLight}{rgb}{0.8,0.4,1}     %204,102,255 %CC66FF
VioletVioletMagenta 347 \definecolor{VioletVioletMagenta}{rgb}{0.6,0,1}      %153,   0,255 %9900FF
MagentaVioletDark   348 \definecolor{MagentaVioletDark}{rgb}{0.6,0,0.8}     %153,   0,204 %9900CC
MagentaVioletLight  349 \definecolor{MagentaVioletLight}{rgb}{0.8,0.2,1}    %204,  51,255 %CC33FF
MagentaMagentaViolet 350 \definecolor{MagentaMagentaViolet}{rgb}{0.8,0,1}   %204,   0,255 %CC00FF
```

6.22 Magenta

```
Magenta             351 \definecolor{Magenta}{rgb}{1,0,1}                    %255,   0,255 %FF00FF
MagentaDarkHard     352 \definecolor{MagentaDarkHard}{rgb}{0.8,0,0.8}        %204,   0,204 %CC00CC
MagentaLightHard    353 \definecolor{MagentaLightHard}{rgb}{1,0.2,1}         %255,  51,255 %FF33FF
MagentaDarkFaded    354 \definecolor{MagentaDarkFaded}{rgb}{0.6,0,0.6}       %153,   0,153 %990099
MagentaMediumFaded  355 \definecolor{MagentaMediumFaded}{rgb}{0.8,0.2,0.8}  %204,  51,204 %CC33CC
MagentaLightFaded   356 \definecolor{MagentaLightFaded}{rgb}{1,0.4,1}       %255,102,255 %FF66FF
MagentaObscureDull  357 \definecolor{MagentaObscureDull}{rgb}{0.4,0,0.4}    %102,   0,102 %660066
MagentaDarkDull     358 \definecolor{MagentaDarkDull}{rgb}{0.6,0.2,0.6}      %153,  51,153 %993399
MagentaLightDull    359 \definecolor{MagentaLightDull}{rgb}{0.8,0.4,0.8}     %204,102,204 %CC66CC
MagentaPaleDull     360 \definecolor{MagentaPaleDull}{rgb}{1,0.6,1}          %255,153,255 %FF99FF
MagentaObscureWeak  361 \definecolor{MagentaObscureWeak}{rgb}{0.2,0,0.2}    % 51,   0,  51 %330033
MagentaDarkWeak     362 \definecolor{MagentaDarkWeak}{rgb}{0.4,0.2,0.4}      %102,  51,102 %663366
MagentaMediumWeak   363 \definecolor{MagentaMediumWeak}{rgb}{0.6,0.4,0.6}    %153,102,153 %996699
MagentaLightWeak    364 \definecolor{MagentaLightWeak}{rgb}{0.8,0.6,0.8}     %204,153,204 %CC99CC
MagentaPaleWeak     365 \definecolor{MagentaPaleWeak}{rgb}{1,0.8,1}          %255,204,255 %FFCCFF
```

6.23 Pink Magenta

```
366 \definecolor{PinkMagentaDark}{rgb}{0.6,0,0.4}          %153,  0,102 %990066
367 \definecolor{PinkMagentaMedium}{rgb}{0.8,0.2,0.6}      %204, 51,153 %CC3399
368 \definecolor{PinkMagentaLight}{rgb}{1,0.4,0.8}         %255,102,204 %FF66CC
369 \definecolor{PinkPinkMagenta}{rgb}{1,0,0.6}           %255,  0,153 %FF0099
370 \definecolor{MagentaPinkDark}{rgb}{0.8,0,0.6}         %204,  0,153 %CC0099
371 \definecolor{MagentaPinkLight}{rgb}{1,0.2,0.8}        %255, 51,204 %FF33CC
372 \definecolor{MagentaMagentaPink}{rgb}{1,0,0.8}        %255,  0,204 %FF00CC
```

6.24 Pink

```
373 \definecolor{PinkDarkHard}{rgb}{0.8,0,0.4}          %204,  0,102 %CC0066
374 \definecolor{PinkLightHard}{rgb}{1,0.2,0.6}         %255, 51,153 %FF3399
375 \definecolor{PinkObscureDull}{rgb}{0.4,0,0.2}       %102,  0, 51 %660033
376 \definecolor{PinkDarkDull}{rgb}{0.6,0.2,0.4}        %153, 51,102 %993366
377 \definecolor{PinkLightDull}{rgb}{0.8,0.4,0.6}       %204,102,153 %CC6699
378 \definecolor{PinkPaleDull}{rgb}{1,0.6,0.8}          %255,153,204 %FF99CC
```

6.25 Pink Red

```
379 \definecolor{PinkRedDark}{rgb}{0.6,0,0.2}          %153,  0, 51  990033
380 \definecolor{PinkRedMedium}{rgb}{0.8,0.2,0.4}      %204, 51,102  CC3366
381 \definecolor{PinkRedLight}{rgb}{1,0.4,0.6}         %255,102,153  FF6699
382 \definecolor{PinkPinkRed}{rgb}{1,0,0.4}           %255,  0,102  FF0066
383 \definecolor{RedPinkDark}{rgb}{0.8,0,0.2}         %204,  0, 51  CC0033
384 \definecolor{RedPinkLight}{rgb}{1,0.2,0.4}        %255, 51,102  FF3366
385 \definecolor{RedRedPink}{rgb}{1,0,0.2}           %255,  0, 51  FF0033
```

386 ⟨/colorweb.sty⟩

7 Change History

v1.0 (2013/05/27)
General: Initial version 1
v1.1 (2013/07/15)
General: Renamed README.TXT to README and converted all other filenames to lowercase \texttt. Thanks to Karl Berry for pointing out the need for case-sensitive filenames. 1
Replaced \pdfinfo with \hypersetup so that .pdf "Document Properties" displays correctly. . 1
v1.2 (2013/07/16)
General: Fixed lack-of ltxdoc.cfg error. 1
v1.3 (2013/08/20)
General: Corrected distribution for CTAN. 1

8 Index

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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