Converting Colors

RGB(215, 193, 213)

Have a look what the booklet for RGB(215, 193, 213) contains.

Color

RGB(215, 193, 213)

Conversions

Conversions Part 1

Format	Color
Hex	D7C1D5
RGB	215, 193, 213
RGB Percent	84%, 76%, 84%
CMY	0.1569, 0.2431, 0.1647
CMYK	0.00, 0.10, 0.01, 0.16
HSL	305°, 22%, 80%
HSV	305°, 10%, 84%
XYZ	59.1045, 57.3911, 70.9132
YIQ	201.8580, 6.6920, 10.8840

Conversions

Conversions Part 2

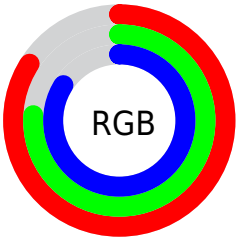
Format	Color
RYB	215, 193, 213
Decimal	14139861
CIELab	80.40, 11.26, -7.16
CIELCh	80, 13.342, 327.563
Yxy	57.3911, 0.3154, 0.3062
Android (android.graphics.Color)	4292329941 (0xFFD7C1D5)
YUV	201.8580, 5.4930, 11.5255
Hunter-Lab	75.7569, 6.6887, -2.4693

Details

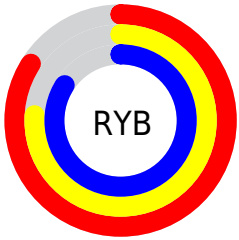
The RGB color 215, 193, 213 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 193, 215, 195, and the grayscale version is 202, 202, 202.

A 20% lighter version of the original color is 255, 249, 255, and 160, 139, 158 is the 20% darker color. If you saturate the color by 10%, you get 215, 172, 211, and if you desaturate by 10%, it is 215, 215, 215.

Distribution

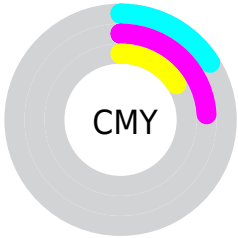


- Red (84%)
- Green (76%)
- Blue (84%)



- Red (84%)
- Yellow (76%)
- Blue (84%)

- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 193, 213 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 215, 193, 213 by changing the saturation by 10% instead.

215, 193, 213	215, 193, 213
255, 255, 255	187, 166, 185
255, 249, 255	160, 139, 158
	134, 114, 132
	109, 89, 107
	84, 66, 83
	61, 44, 60
	39, 23, 38
	20, 0, 18
	0, 0, 0

215, 193, 213	215, 193, 213
215, 172, 211	215, 215, 215
215, 150, 209	215, 236, 217
215, 129, 207	215, 255, 219
215, 107, 205	215, 255, 221
215, 86, 203	215, 255, 223
215, 64, 201	215, 255, 225
215, 42, 199	215, 255, 227
215, 21, 197	215, 255, 229
215, 0, 195	215, 255, 231

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

201, 197, 221

215, 193, 213

224, 191, 201

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

215, 193, 213

211, 198, 175

168, 207, 210

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

215, 193, 213

193, 215, 195

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

172, 207, 198

215, 193, 213

197, 202, 177

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

215, 193, 213

221, 194, 179

183, 205, 186

173, 204, 220

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

215, 193, 213

226, 191, 192

183, 205, 186

168, 207, 206

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

215, 193, 213

255, 247, 254

195, 193, 215

128, 122, 127

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

215, 193, 213

255, 224, 252

215, 193, 202

107, 96, 106

171, 0, 155

43, 0, 39

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

215, 193, 213

255, 224, 252

193, 215, 206

107, 96, 106

171, 0, 155

43, 0, 39

Previews

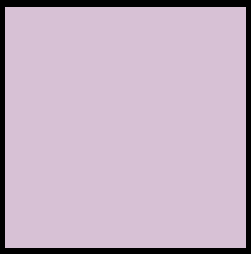
White Background

This preview shows how the RGB color 215, 193, 213 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



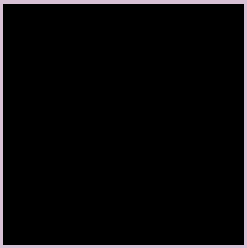
This preview shows how the RGB color 215, 193, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 215, 193, 213 Background



This preview shows how black text looks on a background with the RGB color 215, 193, 213.

This preview shows how white text looks on a background with the RGB color 215, 193, 213.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

Original Color
215, 193, 213

Protanopia
198, 198, 216

Deuteranopia
213, 194, 213

Tritanopia
214, 194, 209

Trichromacy

Original Color
215, 193, 213

Protanomaly
204, 196, 215

Deuteranomaly
214, 194, 213

Tritanomaly
214, 194, 210

Monochromacy

Original Color
215, 193, 213

Achromatopsia
202, 202, 202

Achromatomaly
207, 199, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 193, 213 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(215, 193, 213) looks like.

```
.text, #text, p{
    color:rgb(215, 193, 213)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(215, 193, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 213) }
```

Border

The CSS property to change the border of an element to RGB 215, 193, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 193, 213) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(215, 193, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(215, 193, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 193, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 193, 213); box-shadow:4px 4px 4px 4px rgb(215, 193, 213) }
```

Background

The CSS property to change the background color of an element to RGB 215, 193, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(215, 193, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(215,
193, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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