Converting Colors

RGB(216, 205, 215)

Have a look what the booklet for RGB(216, 205, 215) contains.

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Color

RGB(216, 205, 215)

Conversions

Format	Color
	Conversions Part 1
Hex	D8CDD7
RGB	216, 205, 215
RGB Percent	85%, 80%, 84%
CMY	0.1529, 0.1961, 0.1569
CMYK	0.00, 0.05, 0.00, 0.15
HSL	305°, 12%, 83%
HSV	305°, 5%, 85%
XYZ	62.4160, 63.1679, 73.1929
YIQ	209.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

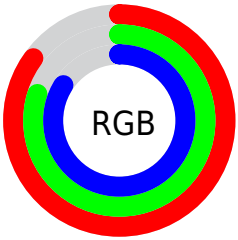
Format	Color
RYB	216, 205, 215
Decimal	14208471
CIELab	83.53, 5.59, -3.60
CIELCh	84, 6.645, 327.245
Yxy	63.1679, 0.3140, 0.3178
Android (android.graphics.Color)	4292398551 (0xFFD8CDD7)
YUV	209.4290, 2.7465, 5.7628
Hunter-Lab	79.4782, 1.0930, 1.0335

Details

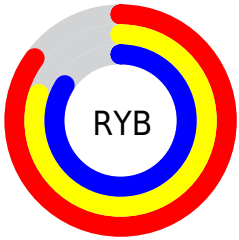
The RGB color 216, 205, 215 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 205, 216, 206, and the grayscale version is 209, 209, 209.

A 20% lighter version of the original color is 255, 255, 255, and 161, 151, 160 is the 20% darker color. If you saturate the color by 10%, you get 216, 183, 213, and if you desaturate by 10%, it is 216, 227, 217.

Distribution

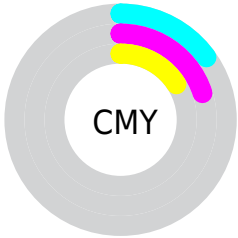


- Red (85%)
- Green (80%)
- Blue (84%)



- Red (85%)
- Yellow (80%)
- Blue (84%)

- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 205, 215 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 216, 205, 215 by changing the saturation by 10% instead.

216, 205, 215	216, 205, 215
255, 255, 255	188, 178, 187
	161, 151, 160
	135, 125, 134
	110, 100, 109
	85, 76, 85
	62, 53, 61
	40, 32, 40
	20, 9, 19
	0, 0, 0

216, 205, 215	216, 205, 215
216, 183, 213	216, 227, 217
216, 162, 211	216, 248, 219
216, 140, 209	216, 255, 221
216, 119, 207	216, 255, 223
216, 97, 205	216, 255, 225
216, 75, 203	216, 255, 227
216, 54, 201	216, 255, 229
216, 32, 199	216, 255, 231
216, 11, 197	216, 255, 233

Harmonies

Analogous

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

209, 207, 219

216, 205, 215

221, 204, 209

Triad

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

216, 205, 215

214, 207, 196

193, 212, 214

Complementary

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

216, 205, 215

205, 216, 206

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.

195, 212, 207

216, 205, 215

207, 210, 197

Square

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

216, 205, 215

220, 206, 198

200, 211, 201

195, 211, 218

Rectangle

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

216, 205, 215

222, 204, 205

200, 211, 201

193, 212, 212

Sweetspot

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

216, 205, 215

255, 250, 255

206, 205, 216

128, 125, 127

0, 0, 0

128, 128, 128

Same Dimension

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

216, 205, 215

255, 240, 254

216, 205, 210

107, 100, 106

171, 0, 155

43, 0, 39

Inverse Universe

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

216, 205, 215

255, 240, 254

205, 216, 211

107, 100, 106

171, 0, 155

43, 0, 39

Previews

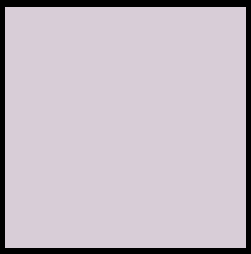
White Background

This preview shows how the RGB color 216, 205, 215 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



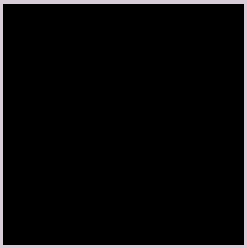
This preview shows how the RGB color 216, 205, 215 looks on a black background.

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 216, 205, 215 Background



This preview shows how black text looks on a background with the RGB color 216, 205, 215.

This preview shows how white text looks on a background with the RGB color 216, 205, 215.

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
216, 205, 215

Protanopia
210, 207, 216

Deuteranopia
225, 202, 216

Tritanopia
217, 204, 220

Trichromacy

Original Color
216, 205, 215

Protanomaly
212, 206, 216

Deuteranomaly
222, 203, 216

Tritanomaly
217, 204, 218

Monochromacy

Original Color
216, 205, 215

Achromatopsia
209, 209, 209

Achromatomaly
212, 208, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 205, 215 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(216, 205, 215) looks like.

```
.text, #text, p{
    color:rgb(216, 205, 215)
}
```

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(216, 205, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 205, 215) }
```

Border

The CSS property to change the border of an element to RGB 216, 205, 215 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(216, 205, 215) }
```

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

```
.border{ border-color:rgb(216, 205, 215) }
```

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

Here you see how a box with a 4 pixel rgb(216, 205, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 205, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 205, 215); box-shadow:4px 4px 4px 4px rgb(216, 205, 215) }
```

Background

The CSS property to change the background color of an element to RGB 216, 205, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(216, 205, 215) }
```

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

```
.background{ background-color:rgb(216,
205, 215) }
```

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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