

Converting Colors

RGB(205, 198, 216)

Have a look what the booklet for
RGB(205, 198, 216) contains.

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Color

RGB(205, 198, 216)

Conversions

Conversions Part 1

Format	Color
Hex	CDC6D8
RGB	205, 198, 216
RGB Percent	80%, 78%, 85%
CMY	0.1961, 0.2235, 0.1529
CMYK	0.05, 0.08, 0.00, 0.15
HSL	263°, 19%, 81%
HSV	263°, 8%, 85%
XYZ	57.7656, 58.3252, 73.1791
YIQ	202.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

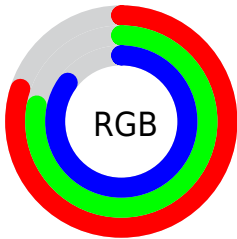
Format	Color
R _Y B	205, 198, 216
Decimal	13485784
CIE Lab	80.92, 5.77, -8.09
CIE LCh	81, 9.934, 305.514
Yxy	58.3252, 0.3052, 0.3082
Android (android.graphics.Color)	4291675864 (0xFFCDC6D8)
YUV	202.1450, 6.8305, 2.5038
Hunter-Lab	76.3709, 1.3651, -3.3524

Details

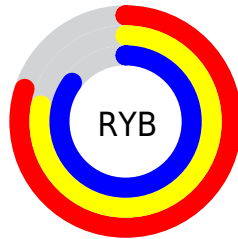
The RGB color **205, 198, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 216, 198**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is 255, 255, 255, and **151, 144, 161** is the 20% darker color. If you saturate the color by 10%, you get **192, 176, 216**, and if you desaturate by 10%, it is **218, 220, 216**.

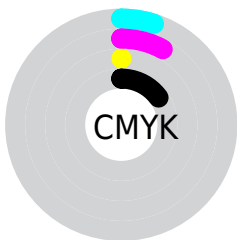
Distribution



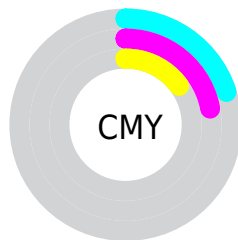
- Red (80%)
- Green (78%)
- Blue (85%)



- Red (80%)
- Yellow (78%)
- Blue (85%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 198, 216 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 205, 198, 216 by changing the saturation by 10% instead.

■ 205, 198, 216

255, 255, 255

255, 255, 255

■ 205, 198, 216

■ 178, 171, 188

■ 151, 144, 161

■ 125, 119, 135

■ 100, 94, 110

■ 76, 70, 85

■ 53, 48, 62


■ 32, 27, 40

■ 9, 0, 20

■ 0, 0, 0

 205, 198, 216

 205, 198, 216

 192, 176, 216


 218, 220, 216

 179, 155, 216

 231, 241, 216


 165, 133, 216

 245, 255, 216

 152, 112, 216


 255, 255, 216

 139, 90, 216

 126, 68, 216

 113, 47, 216

 99, 25, 216

 86, 4, 216

Harmonies

Analogous

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



193, 201, 219



205, 198, 216



215, 196, 209

Triad

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



205, 198, 216



216, 198, 184



179, 207, 202

Complementary

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



205, 198, 216



209, 216, 198

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.



186, 206, 193



205, 198, 216



207, 201, 183

Square

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



205, 198, 216



221, 195, 190



196, 204, 186



178, 206, 211

Rectangle

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



205, 198, 216



219, 195, 203



196, 204, 186



181, 206, 199

Sweetspot

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



205, 198, 216



250, 247, 255



198, 209, 216



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 198, 216



239, 230, 255



214, 198, 216



101, 96, 107



66, 0, 171



17, 0, 43

Inverse Universe

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



216, 198, 209



255, 230, 245



200, 216, 198



107, 96, 103



171, 0, 104



43, 0, 26

Previews

White Background



This preview shows how the RGB color 205, 198, 216 looks on a white background.

Color Contrast Check

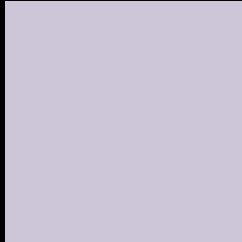
Large Text (above 18pt) WCAG AA × Fail

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 205, 198, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

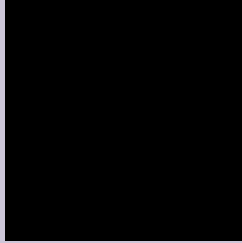
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

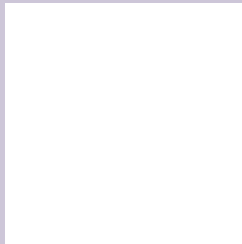
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 205, 198, 216 Background



This preview shows how black text looks on a background with the RGB color 205, 198, 216.



This preview shows how white text looks on a background with the RGB color 205, 198, 216.

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
[205, 198, 216](#)

Protanopia
[200, 200, 217](#)

Deuteranopia
[213, 195, 217](#)



Tritanopia
205, 198, 214

Trichromacy



Original Color

205, 198, 216

Protanomaly

202, 199, 217

Deuteranomaly

210, 196, 217

Tritanomaly

205, 198, 215

Monochromacy



Original Color

205, 198, 216

Achromatopsia

202, 202, 202

Achromatomaly

203, 201, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 198, 216 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(205, 198, 216) looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 216)  
}
```

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(205, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 216) }
```

Border

The CSS property to change the border of an element to RGB 205, 198, 216 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(205, 198, 216) }
```

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

```
.border{ border-color:rgb(205, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 198,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 205, 198, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 198, 216) }
```

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

```
.background{ background-color: rgb(205,  
198, 216) }
```

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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