

Converting Colors

RGB(207, 196, 216)

Have a look what the booklet for
RGB(207, 196, 216) contains.

RGB(207, 196, 216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(207, 196, 216)

Conversions

Conversions Part 1

Format	Color
Hex	CFC4D8
RGB	207, 196, 216
RGB Percent	81%, 77%, 85%
CMY	0.1882, 0.2314, 0.1529
CMYK	0.04, 0.09, 0.00, 0.15
HSL	273°, 20%, 81%
HSV	273°, 9%, 85%
XYZ	57.8667, 57.7031, 73.0537
YIQ	201.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

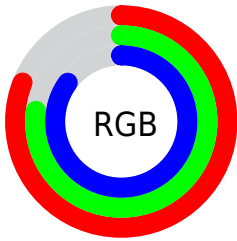
Format	Color
R _Y B	207, 196, 216
Decimal	13616344
CIE Lab	80.57, 7.51, -8.58
CIE LCh	81, 11.403, 311.181
Yxy	57.7031, 0.3068, 0.3059
Android (android.graphics.Color)	4291806424 (0xFFCFC4D8)
YUV	201.5690, 7.1145, 4.7630
Hunter-Lab	75.9626, 3.0431, -3.8457

Details

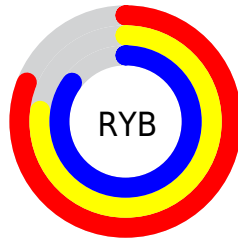
The RGB color **207, 196, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 216, 196**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is 255, 253, 255, and **153, 142, 161** is the 20% darker color. If you saturate the color by 10%, you get **197, 174, 216**, and if you desaturate by 10%, it is **217, 218, 216**.

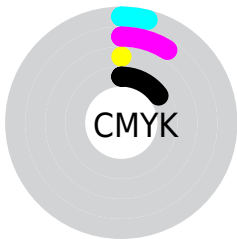
Distribution



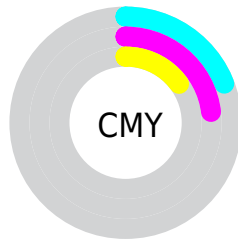
- Red (81%)
- Green (77%)
- Blue (85%)



- Red (81%)
- Yellow (77%)
- Blue (85%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 196, 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 207, 196, 216 by changing the saturation by 10% instead.

 207, 196, 216

 207, 196, 216

255, 255, 255

 179, 169, 188

 255, 253, 255


 153, 142, 161

 127, 117, 135

 102, 92, 110


 78, 69, 85

 55, 46, 62


 33, 26, 40

 12, 0, 20

 0, 0, 0

 207, 196, 216

 207, 196, 216

 197, 174, 216

 217, 218, 216

 188, 153, 216

 226, 239, 216

 178, 131, 216

 236, 255, 216

 168, 110, 216

 246, 255, 216

 158, 88, 216

 255, 255, 216

 149, 66, 216

 139, 45, 216

 129, 23, 216

 120, 2, 216

Harmonies

Analogous

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



194, 199, 221



207, 196, 216



218, 194, 207

Triad

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



207, 196, 216



215, 197, 180



174, 206, 204

Complementary

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



207, 196, 216



205, 216, 196

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.



181, 206, 193



207, 196, 216



205, 200, 179

Square

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



207, 196, 216



222, 194, 186



192, 204, 184



174, 205, 214

Rectangle

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



207, 196, 216



222, 193, 200



192, 204, 184



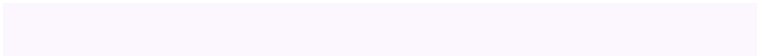
176, 206, 200

Sweetspot

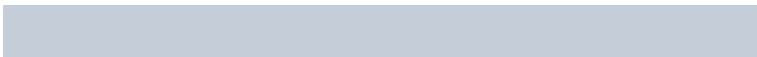
The Sweet Spot groups the original color and five complimentary colors.



207, 196, 216



252, 247, 255



196, 205, 216



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 196, 216



242, 227, 255



216, 196, 215



102, 96, 107



94, 0, 171



24, 0, 43

Inverse Universe

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



216, 196, 205



255, 227, 240



196, 216, 197



107, 96, 101



171, 0, 77



43, 0, 20

Previews

White Background



This preview shows how the RGB color 207, 196, 216 looks on a white background.

Color Contrast Check

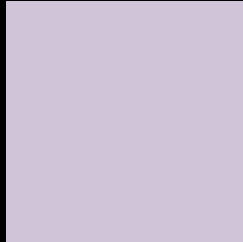
Large Text (above 18pt) WCAG AA × Fail

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 207, 196, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

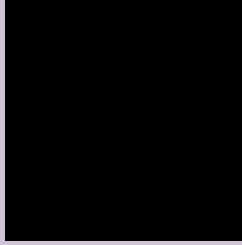
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

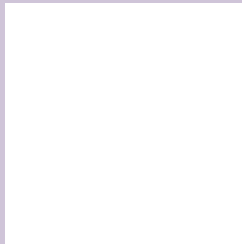
Any Text WCAG AAA ✓ Pass

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

RGB 207, 196, 216 Background



This preview shows how black text looks on a background with the RGB color 207, 196, 216.



This preview shows how white text looks on a background with the RGB color 207, 196, 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
207, 196, 216

Protanopia
198, 199, 218

Deuteranopia
212, 194, 216



Tritanopia
206, 197, 212

Trichromacy



Original Color

207, 196, 216

Protanomaly

201, 198, 217

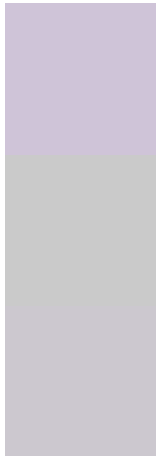
Deuteranomaly

210, 195, 216

Tritanomaly

206, 197, 213

Monochromacy



Original Color

207, 196, 216

Achromatopsia

202, 202, 202

Achromatomaly

204, 200, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 196, 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(207, 196, 216) looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 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(207, 196, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 216) }
```

Border

The CSS property to change the border of an element to RGB 207, 196, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

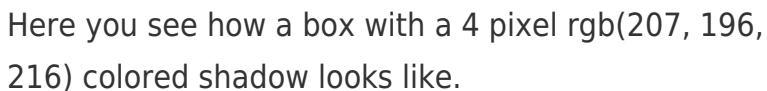
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 196, 216) }
```

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

```
.border{ border-color:rgb(207, 196, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 196, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 216);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 207, 196, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 216) }
```

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

```
.background{ background-color: rgb(207,  
196, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor