

Converting Colors

RGB(205, 204, 208)

Have a look what the booklet for
RGB(205, 204, 208) contains.

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Color

RGB(205, 204, 208)

Conversions

Conversions Part 1

Format	Color
Hex	CDCCD0
RGB	205, 204, 208
RGB Percent	80%, 80%, 82%
CMY	0.1961, 0.2000, 0.1843
CMYK	0.01, 0.02, 0.00, 0.18
HSL	255°, 4%, 81%
HSV	255°, 2%, 82%
XYZ	58.1549, 60.7189, 68.3293
YIQ	204.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

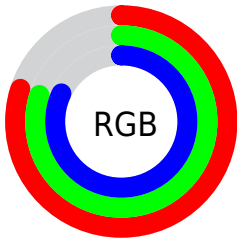
Format	Color
R _Y B	205, 204, 208
Decimal	13487312
CIE Lab	82.23, 1.08, -1.87
CIE LCh	82, 2.162, 300.013
Yxy	60.7189, 0.3107, 0.3243
Android (android.graphics.Color)	4291677392 (0xFFCDCCD0)
YUV	204.7550, 1.5998, 0.2149
Hunter-Lab	77.9224, -3.1463, 2.5548

Details

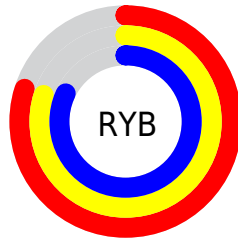
The RGB color **205, 204, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 208, 204**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 150, 154** is the 20% darker color. If you saturate the color by 10%, you get **189, 183, 208**, and if you desaturate by 10%, it is **221, 225, 208**.

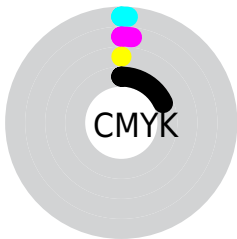
Distribution



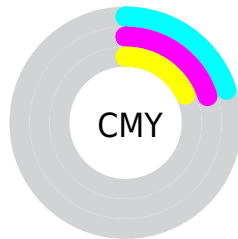
- Red (80%)
- Green (80%)
- Blue (82%)



- Red (80%)
- Yellow (80%)
- Blue (82%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 204, 208 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, 204, 208 by changing the saturation by 10% instead.

■ 205, 204, 208

255, 255, 255

■ 205, 204, 208

■ 178, 177, 180

■ 151, 150, 154

■ 125, 124, 128

■ 100, 99, 103

■ 76, 75, 79

■ 54, 53, 56

■ 32, 32, 35


■ 9, 7, 13


■ 0, 0, 0

 205, 204, 208

 205, 204, 208

 189, 183, 208


 221, 225, 208

 174, 162, 208


 236, 246, 208


 158, 142, 208

 252, 255, 208

 143, 121, 208

 255, 255, 208

 127, 100, 208

 111, 79, 208

 96, 58, 208

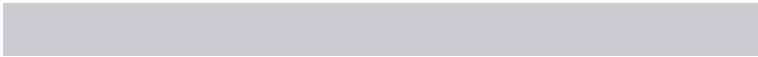
 80, 38, 208

 65, 17, 208

Harmonies

Analogous

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



203, 205, 209



205, 204, 208



207, 203, 207

Triad

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



205, 204, 208



208, 204, 201



200, 206, 204

Complementary

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



205, 204, 208



207, 208, 204

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.



202, 206, 202



205, 204, 208



206, 204, 200

Square

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



205, 204, 208



209, 203, 203



204, 205, 201



200, 206, 206

Rectangle

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



205, 204, 208



208, 203, 205



204, 205, 201



201, 206, 204

Sweetspot

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



205, 204, 208



253, 252, 255



204, 207, 208



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 204, 208



251, 250, 255



207, 204, 208



103, 102, 105



42, 0, 168



10, 0, 41

Inverse Universe

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



208, 204, 207



255, 250, 254



205, 208, 204



105, 102, 104



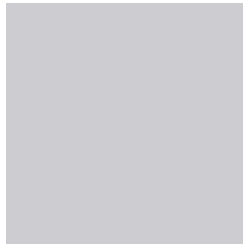
168, 0, 126



41, 0, 31

Previews

White Background



This preview shows how the RGB color 205, 204, 208 looks on a white background.

Color Contrast Check

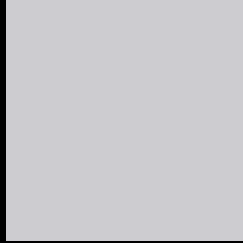
Large Text (above 18pt) WCAG AA × Fail

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, 204, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

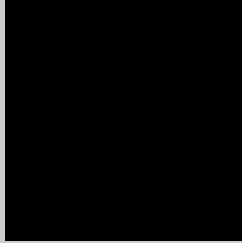
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

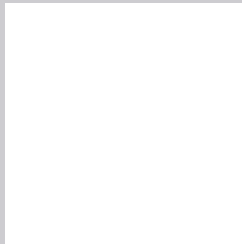
Any Text WCAG AAA ✓ Pass

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

RGB 205, 204, 208 Background



This preview shows how black text looks on a background with the RGB color 205, 204, 208.

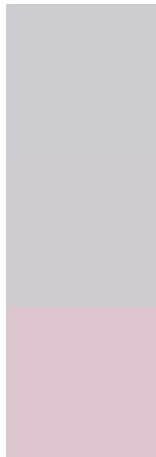


This preview shows how white text looks on a background with the RGB color 205, 204, 208.

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, 204, 208

Protanopia
207, 203, 208

Deuteranopia
222, 198, 209



Tritanopia
207, 202, 218

Trichromacy



Original Color

205, 204, 208

Protanomaly

206, 203, 208

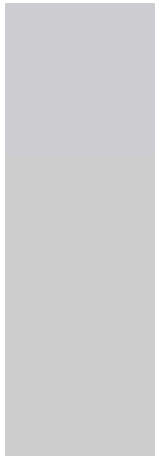
Deuteranomaly

216, 200, 209

Tritanomaly

206, 203, 214

Monochromacy



Original Color

205, 204, 208

Achromatopsia

205, 205, 205

Achromatomaly

205, 205, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 204, 208 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, 204, 208) looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 208)  
}
```

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, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 208) }
```

Border

The CSS property to change the border of an element to RGB 205, 204, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

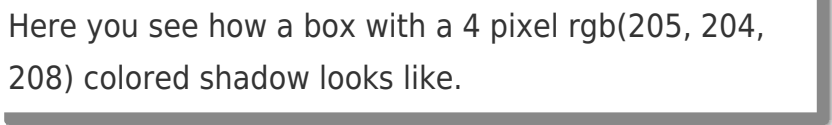
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 204, 208) }
```

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

```
.border{ border-color:rgb(205, 204, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 204, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 205, 204, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 208) }
```

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

```
.background{ background-color: rgb(205,  
204, 208) }
```

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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