

Converting Colors

RGB(205, 204, 213)

Have a look what the booklet for
RGB(205, 204, 213) contains.

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Color

RGB(205, 204, 213)

Conversions

Conversions Part 1

Format	Color
Hex	CDCCD5
RGB	205, 204, 213
RGB Percent	80%, 80%, 84%
CMY	0.1961, 0.2000, 0.1647
CMYK	0.04, 0.04, 0.00, 0.16
HSL	247°, 10%, 82%
HSV	247°, 4%, 84%
XYZ	58.7799, 60.9690, 71.6209
YIQ	205.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

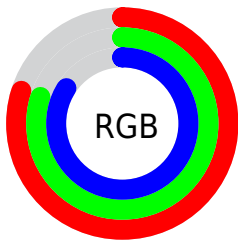
Format	Color
RYP	205, 204, 213
Decimal	13487317
CIELab	82.36, 2.02, -4.35
CIELCh	82, 4.791, 294.888
Yxy	60.9690, 0.3072, 0.3186
Android (android.graphics.Color)	4291677397 (0xFFCDDC5)
YUV	205.3250, 3.7838, -0.2850
Hunter-Lab	78.0826, -2.2713, 0.2743

Details

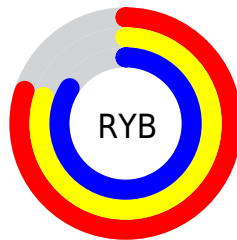
The RGB color **205, 204, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212, 213, 204**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 150, 158** is the 20% darker color. If you saturate the color by 10%, you get **186, 183, 213**, and if you desaturate by 10%, it is **224, 225, 213**.

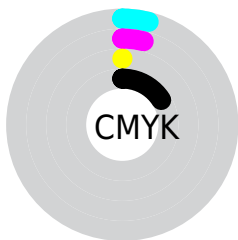
Distribution



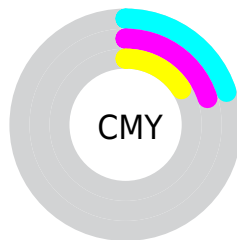
- Red (80%)
- Green (80%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 204, 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 205, 204, 213 by changing the saturation by 10% instead.

■ 205, 204, 213

255, 255, 255

■ 205, 204, 213

■ 178, 177, 185

■ 151, 150, 158

■ 125, 124, 132

■ 100, 99, 107

■ 76, 75, 83

■ 53, 53, 60


■ 32, 32, 38

■ 9, 7, 18


■ 0, 0, 0

 205, 204, 213

 205, 204, 213

 186, 183, 213

 224, 225, 213

 167, 161, 213

 243, 247, 213

 148, 140, 213

 255, 255, 213

 129, 119, 213

 110, 98, 213

 91, 76, 213

 72, 55, 213

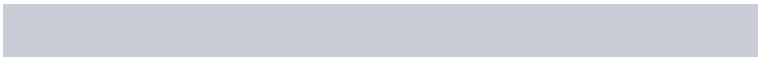
 54, 34, 213

 35, 12, 213

Harmonies

Analogous

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



200, 205, 214



205, 204, 213



210, 203, 210

Triad

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



205, 204, 213



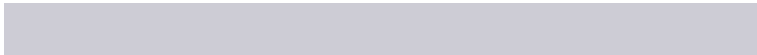
214, 203, 198



196, 208, 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, 213



212, 213, 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.



199, 207, 200



205, 204, 213



210, 204, 196

Square

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



205, 204, 213



215, 202, 201



205, 206, 197



194, 208, 208

Rectangle

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



205, 204, 213



213, 202, 207



205, 206, 197



197, 207, 202

Sweetspot

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



205, 204, 213



253, 252, 255



204, 212, 213



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 204, 213



244, 242, 255



209, 204, 213



101, 101, 107



19, 0, 171



5, 0, 43

Inverse Universe

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



213, 204, 212



255, 242, 254



208, 213, 204



107, 101, 106



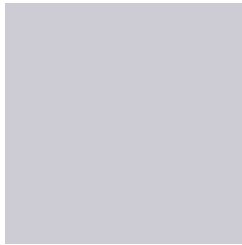
171, 0, 152



43, 0, 39

Previews

White Background



This preview shows how the RGB color 205, 204, 213 looks on a white background.

Color Contrast Check

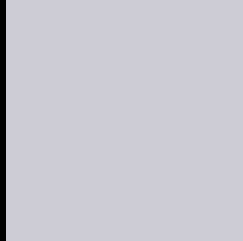
Large Text (above 18pt) WCAG AA × Fail

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 205, 204, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

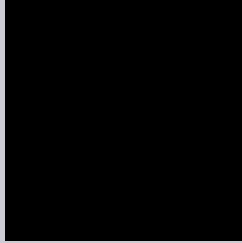
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

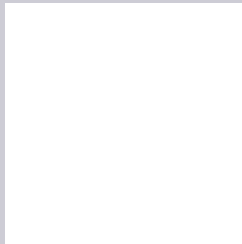
Any Text WCAG AAA ✓ Pass

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

RGB 205, 204, 213 Background



This preview shows how black text looks on a background with the RGB color 205, 204, 213.

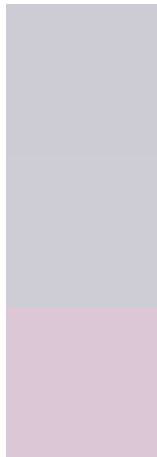


This preview shows how white text looks on a background with the RGB color 205, 204, 213.

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
205, 204, 213

Protanopia
206, 204, 213

Deuteranopia
220, 199, 214



Tritanopia
206, 203, 219

Trichromacy



Original Color

205, 204, 213

Protanomaly

206, 204, 213

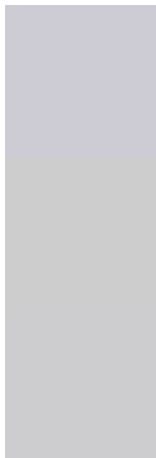
Deuteranomaly

215, 201, 214

Tritanomaly

206, 203, 217

Monochromacy



Original Color

205, 204, 213

Achromatopsia

205, 205, 205

Achromatomaly

205, 205, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 204, 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(205, 204, 213) looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 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(205, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 213) }
```

Border

The CSS property to change the border of an element to RGB 205, 204, 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(205, 204, 213) }
```

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

```
.border{ border-color:rgb(205, 204, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 205, 204, 213 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, 213) }
```

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

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