

Converting Colors

RGB(202, 206, 204)

Have a look what the booklet for
RGB(202, 206, 204) contains.

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Color

RGB(202, 206, 204)

Conversions

Conversions Part 1	
Format	Color
Hex	CACECC
RGB	202, 206, 204
RGB Percent	79%, 81%, 80%
CMY	0.2078, 0.1922, 0.2000
CMYK	0.02, 0.00, 0.01, 0.19
HSL	150°, 4%, 80%
HSV	150°, 2%, 81%
XYZ	57.3275, 61.0588, 65.8908
YIQ	204.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

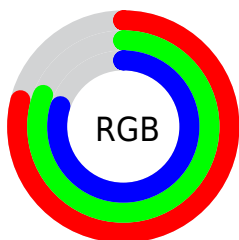
Format	Color
RYB	202, 205, 206
Decimal	13291212
CIELab	82.41, -1.73, 0.51
CIELCh	82, 1.802, 163.724
Yxy	61.0588, 0.3111, 0.3313
Android (android.graphics.Color)	4291481292 (0xFFCACECC)
YUV	204.5760, -0.2840, -2.2592
Hunter-Lab	78.1401, -5.7887, 4.7025

Details

The RGB color **202, 206, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 202, 204**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 152, 150** is the 20% darker color. If you saturate the color by 10%, you get **181, 206, 194**, and if you desaturate by 10%, it is **223, 206, 214**.

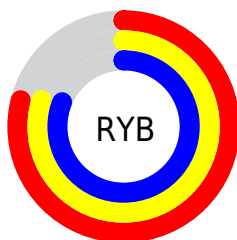
Distribution



Red (79%)

Green (81%)

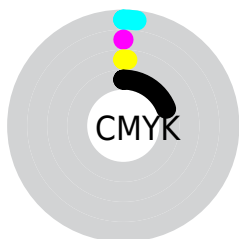
Blue (80%)



Red (79%)

Yellow (80%)

Blue (81%)

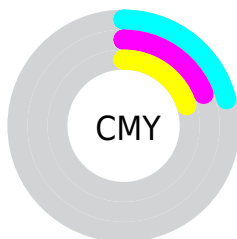


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (19%)



Cyan (21%)

Magenta (19%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 206, 204 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 202, 206, 204 by changing the saturation by 10% instead.

 202, 206, 204

255, 255, 255

 202, 206, 204


 175, 179, 177

 148, 152, 150

 122, 126, 124


 97, 101, 99

 74, 77, 75

 51, 54, 53

 30, 33, 32

 5, 10, 7

 0, 0, 0

 202, 206, 204

 202, 206, 204

 181, 206, 194


 223, 206, 214

 161, 206, 183

 243, 206, 225

 140, 206, 173

 255, 206, 235

 120, 206, 163

 255, 206, 245

 99, 206, 153

 255, 206, 255

 78, 206, 142

 58, 206, 132

 37, 206, 122

 17, 206, 111

Harmonies

Analogous

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



204, 206, 203



202, 206, 204



201, 206, 206

Triad

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



202, 206, 204



204, 205, 208



209, 204, 203

Complementary

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



202, 206, 204



206, 202, 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.



209, 204, 204



202, 206, 204



206, 204, 207

Square

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



202, 206, 204



202, 205, 208



208, 204, 206



207, 205, 202

Rectangle

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



202, 206, 204



201, 206, 207



208, 204, 206



209, 204, 203

Sweetspot

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



202, 206, 204



252, 255, 254



204, 206, 202



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



202, 206, 204



250, 255, 252



202, 206, 206



100, 102, 101



0, 166, 83



0, 38, 19

Inverse Universe

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



206, 202, 204



255, 250, 252



206, 202, 202



102, 100, 101



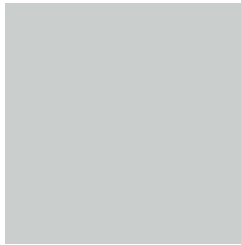
166, 0, 83



38, 0, 19

Previews

White Background



This preview shows how the RGB color 202, 206, 204 looks on a white background.

Color Contrast Check

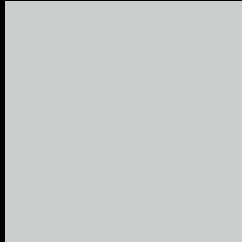
Large Text (above 18pt) WCAG AA × Fail

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 202, 206, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

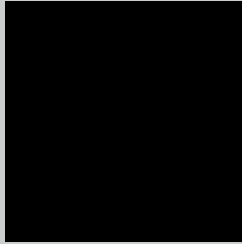
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

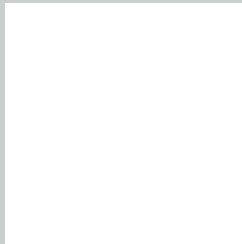
Any Text WCAG AAA ✓ Pass

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

RGB 202, 206, 204 Background



This preview shows how black text looks on a background with the RGB color 202, 206, 204.



This preview shows how white text looks on a background with the RGB color 202, 206, 204.

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

[202](#), [206](#), [204](#)

Protanopia

[209](#), [204](#), [203](#)

Deuteranopia

[224](#), [198](#), [206](#)



Tritanopia

204, 204, 220

Trichromacy



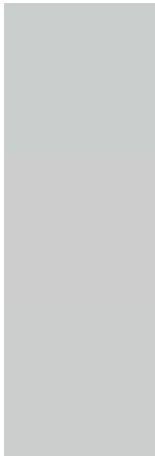
Original Color
202, 206, 204

Protanomaly
206, 205, 203

Deuteranomaly
216, 201, 205

Tritanomaly
203, 205, 214

Monochromacy



Original Color
202, 206, 204

Achromatopsia
205, 205, 205

Achromatomaly
204, 205, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 206, 204 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(202, 206, 204) looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 204)  
}
```

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(202, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 204) }
```

Border

The CSS property to change the border of an element to RGB 202, 206, 204 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(202, 206, 204) }
```

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

```
.border{ border-color:rgb(202, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(202, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 202, 206, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 204) }
```

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

```
.background{ background-color: rgb(202,  
206, 204) }
```

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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