

Converting Colors

RGB(204, 206, 201)

Have a look what the booklet for
RGB(204, 206, 201) contains.

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Color

RGB(204, 206, 201)

Conversions

Conversions Part 1	
Format	Color
Hex	CCCEC9
RGB	204, 206, 201
RGB Percent	80%, 81%, 79%
CMY	0.2000, 0.1922, 0.2118
CMYK	0.01, 0.00, 0.02, 0.19
HSL	84°, 5%, 80%
HSV	84°, 2%, 81%
XYZ	57.5158, 61.1970, 64.0391
YIQ	204.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

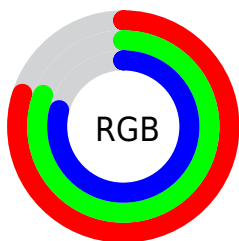
Format	Color
RYB	201, 206, 203
Decimal	13422281
CIELab	82.48, -1.59, 2.23
CIELCh	82, 2.740, 125.416
Yxy	61.1970, 0.3147, 0.3349
Android (android.graphics.Color)	4291612361 (0xFFCCCEC9)
YUV	204.8320, -1.8892, -0.7297
Hunter-Lab	78.2285, -5.6618, 6.2242

Details

The RGB color **204, 206, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 201, 206**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 152, 147** is the 20% darker color. If you saturate the color by 10%, you get **196, 206, 180**, and if you desaturate by 10%, it is **212, 206, 222**.

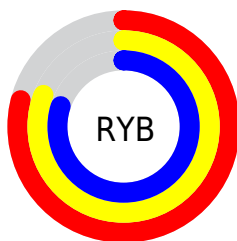
Distribution



Red (80%)

Green (81%)

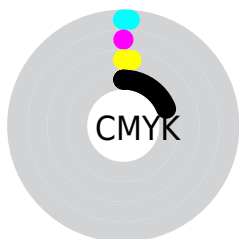
Blue (79%)



Red (79%)

Yellow (81%)

Blue (80%)

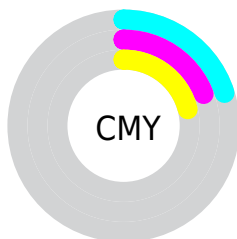


Cyan (1%)

Magenta (0%)

Yellow (2%)

Black (19%)



Cyan (20%)

Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 204, 206, 201 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 204, 206, 201 by changing the saturation by 10% instead.

 204, 206, 201

255, 255, 255

 204, 206, 201


 177, 179, 174

 150, 152, 147

 124, 126, 121

 99, 101, 97

 75, 77, 73

 53, 54, 50

 32, 33, 29

 7, 10, 4

 0, 0, 0

 204, 206, 201

 204, 206, 201

 196, 206, 180

 212, 206, 222

 188, 206, 160


 220, 206, 242

 179, 206, 139


 229, 206, 255

 171, 206, 119

 237, 206, 255

 163, 206, 98

 245, 206, 255


 155, 206, 77

 253, 206, 255

 146, 206, 57

 255, 206, 255

 138, 206, 36

 130, 206, 16

Harmonies

Analogous

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



207, 205, 200



204, 206, 201



201, 207, 203

Triad

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



204, 206, 201



201, 206, 210



211, 204, 205

Complementary

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



204, 206, 201



203, 201, 206

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, 207



204, 206, 201



203, 205, 210

Square

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



204, 206, 201



199, 207, 208



206, 204, 209



211, 204, 202

Rectangle

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



204, 206, 201



200, 207, 205



206, 204, 209



210, 204, 206

Sweetspot

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



204, 206, 201



254, 255, 252



206, 203, 201



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



204, 206, 201



252, 255, 247



202, 206, 201



100, 102, 98



99, 166, 0



23, 38, 0

Inverse Universe

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



203, 201, 206



250, 247, 255



205, 201, 206



100, 98, 102



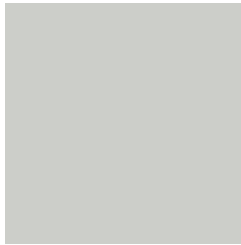
66, 0, 166



15, 0, 38

Previews

White Background



This preview shows how the RGB color 204, 206, 201 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 204, 206, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

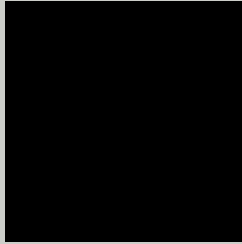
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

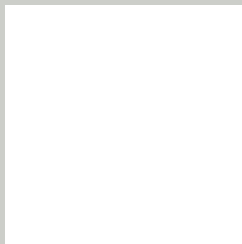
Any Text WCAG AAA ✓ Pass

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

RGB 204, 206, 201 Background



This preview shows how black text looks on a background with the RGB color 204, 206, 201.

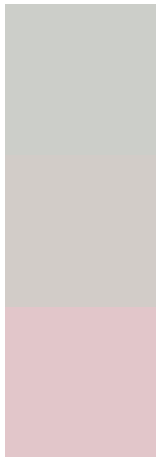


This preview shows how white text looks on a background with the RGB color 204, 206, 201.

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

[204](#), [206](#), [201](#)

Protanopia

[210](#), [204](#), [200](#)

Deuteranopia

[226](#), [198](#), [202](#)



Tritanopia

207, 203, 219

Trichromacy



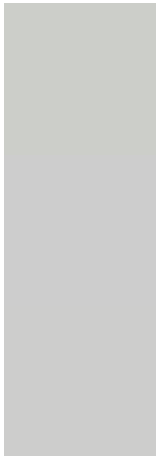
Original Color
204, 206, 201

Protanomaly
208, 205, 200

Deuteranomaly
218, 201, 202

Tritanomaly
206, 204, 212

Monochromacy



Original Color
204, 206, 201

Achromatopsia
205, 205, 205

Achromatomaly
205, 205, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 206, 201 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(204, 206, 201) looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 201)  
}
```

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(204, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 201) }
```

Border

The CSS property to change the border of an element to RGB 204, 206, 201 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(204, 206, 201) }
```

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

```
.border{ border-color:rgb(204, 206, 201) }
```

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

Here you see how a box with a 4 pixel rgb(204, 206, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 204, 206, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 201) }
```

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

```
.background{ background-color: rgb(204,  
206, 201) }
```

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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