

Converting Colors

RGB(204, 218, 214)

Have a look what the booklet for
RGB(204, 218, 214) contains.

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Color

RGB(204, 218, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CCDAD6
RGB	204, 218, 214
RGB Percent	80%, 85%, 84%
CMY	0.2000, 0.1451, 0.1608
CMYK	0.06, 0.00, 0.02, 0.15
HSL	163°, 16%, 83%
HSV	163°, 6%, 85%
XYZ	62.1108, 67.8352, 73.4382
YIQ	213.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

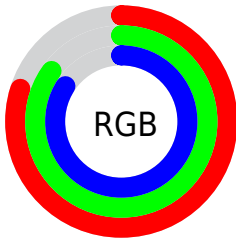
Format	Color
RYB	204, 212, 218
Decimal	13425366
CIELab	85.92, -5.44, 0.34
CIELCh	86, 5.448, 176.465
Yxy	67.8352, 0.3054, 0.3335
Android (android.graphics.Color)	4291615446 (0xFFCCDAD6)
YUV	213.3580, 0.3165, -8.2070
Hunter-Lab	82.3621, -9.5235, 4.7875

Details

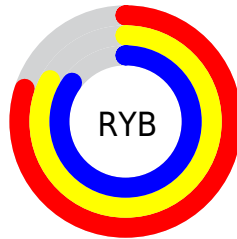
The RGB color **204, 218, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 204, 208**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 163, 159** is the 20% darker color. If you saturate the color by 10%, you get **182, 218, 208**, and if you desaturate by 10%, it is **226, 218, 220**.

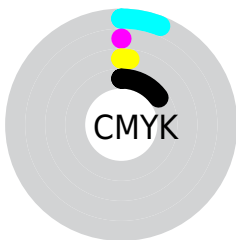
Distribution



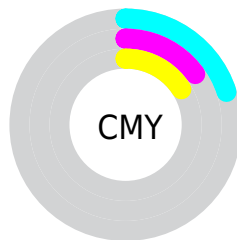
- Red (80%)
- Green (85%)
- Blue (84%)



- Red (80%)
- Yellow (83%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 218, 214 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, 218, 214 by changing the saturation by 10% instead.

■ 204, 218, 214

255, 255, 255

■ 204, 218, 214

■ 177, 190, 186

■ 150, 163, 159

■ 124, 137, 133

■ 99, 111, 108

■ 75, 87, 84

■ 52, 64, 61

■ 31, 42, 39

■ 8, 22, 18

■ 0, 0, 0

 204, 218, 214

 204, 218, 214

 182, 218, 208

 226, 218, 220

 160, 218, 202

 248, 218, 226

 139, 218, 195

 255, 218, 233

 117, 218, 189

 255, 218, 239

 95, 218, 183

 255, 218, 245

 73, 218, 177

 255, 218, 251

 51, 218, 170

 255, 218, 255

 30, 218, 164

 8, 218, 158

Harmonies

Analogous

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



208, 217, 209



204, 218, 214



203, 218, 219

Triad

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



204, 218, 214



215, 214, 224



225, 213, 206

Complementary

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



204, 218, 214



218, 204, 208

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.



226, 212, 210



204, 218, 214



221, 212, 221

Square

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



204, 218, 214



209, 215, 225



225, 212, 216



220, 214, 205

Rectangle

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



204, 218, 214



203, 217, 222



225, 212, 216



225, 212, 208

Sweetspot

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



204, 218, 214



250, 255, 254



208, 218, 204



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



204, 218, 214



235, 255, 249



204, 215, 218



99, 110, 107



0, 173, 124



0, 46, 33

Inverse Universe

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



218, 204, 208



255, 235, 240



218, 207, 204



110, 99, 102



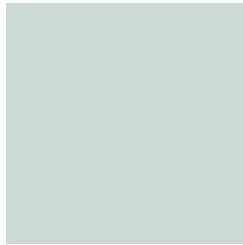
173, 0, 50



46, 0, 13

Previews

White Background



This preview shows how the RGB color 204, 218, 214 looks on a white background.

Color Contrast Check

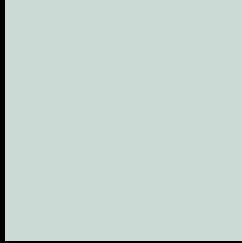
Large Text (above 18pt) WCAG AA × Fail

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, 218, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

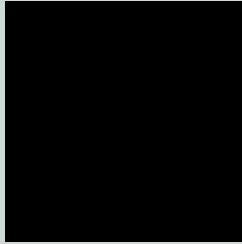
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

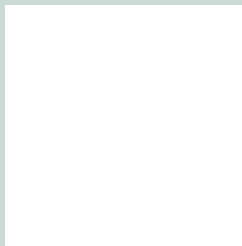
Any Text WCAG AAA ✓ Pass

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

RGB 204, 218, 214 Background



This preview shows how black text looks on a background with the RGB color 204, 218, 214.

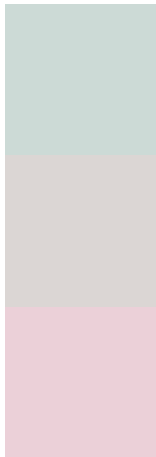


This preview shows how white text looks on a background with the RGB color 204, 218, 214.

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](#).

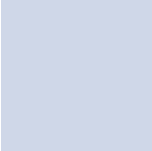
Dichromacy



Original Color
204, 218, 214

Protanopia
219, 214, 212

Deuteranopia
235, 208, 216



Tritanopia
207, 215, 232

Trichromacy



Original Color
204, 218, 214

Protanomaly
214, 215, 213

Deuteranomaly
224, 212, 215

Tritanomaly
206, 216, 225

Monochromacy



Original Color
204, 218, 214

Achromatopsia
213, 213, 213

Achromatomaly
210, 215, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 218, 214 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, 218, 214) looks like.

```
.text, #text, p{  
    color:rgb(204, 218, 214)  
}
```

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, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 218, 214) }
```

Border

The CSS property to change the border of an element to RGB 204, 218, 214 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, 218, 214) }
```

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

```
.border{ border-color:rgb(204, 218, 214) }
```

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

Here you see how a box with a 4 pixel rgb(204, 218, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 218,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 204, 218, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 218, 214) }
```

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

```
.background{ background-color: rgb(204,  
218, 214) }
```

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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