

Converting Colors

RGB(204, 220, 219)

Have a look what the booklet for
RGB(204, 220, 219) contains.

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Color

RGB(204, 220, 219)

Conversions

Conversions Part 1

Format	Color
Hex	CCDCDB
RGB	204, 220, 219
RGB Percent	80%, 86%, 86%
CMY	0.2000, 0.1373, 0.1412
CMYK	0.07, 0.00, 0.00, 0.14
HSL	176°, 19%, 83%
HSV	176°, 7%, 86%
XYZ	63.2812, 69.1382, 77.0276
YIQ	215.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

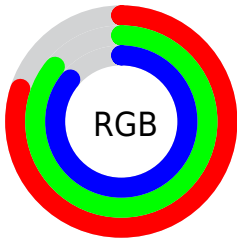
Format	Color
R_YB	204, 212, 220
Decimal	13425883
CIE Lab	86.57, -5.52, -1.36
CIE LCh	87, 5.689, 193.813
Yxy	69.1382, 0.3021, 0.3301
Android (android.graphics.Color)	4291615963 (0xFFCCDCDB)
YUV	215.1020, 1.9217, -9.7365
Hunter-Lab	83.1494, -9.6633, 3.2798

Details

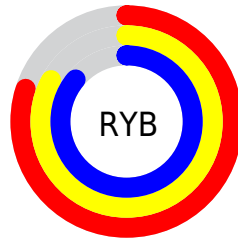
The RGB color **204, 220, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220, 204, 205**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 165, 164** is the 20% darker color. If you saturate the color by 10%, you get **182, 220, 218**, and if you desaturate by 10%, it is **226, 220, 220**.

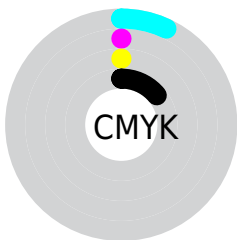
Distribution



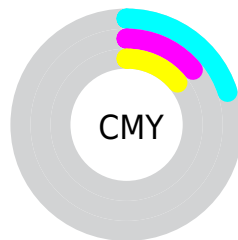
- Red (80%)
- Green (86%)
- Blue (86%)



- Red (80%)
- Yellow (83%)
- Blue (86%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 220, 219 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, 220, 219 by changing the saturation by 10% instead.

■ 204, 220, 219

255, 255, 255

■ 204, 220, 219

■ 177, 192, 191

■ 150, 165, 164

■ 124, 139, 138

■ 99, 113, 112

■ 75, 89, 88

■ 52, 65, 65

■ 31, 43, 43

■ 8, 23, 22

■ 0, 0, 0

 204, 220, 219

 204, 220, 219

 182, 220, 218

 226, 220, 220

 160, 220, 216

 248, 220, 222

 138, 220, 215

 255, 220, 223

 116, 220, 213

 255, 220, 225

 94, 220, 212

 255, 220, 226

 72, 220, 211

 255, 220, 227

 50, 220, 209

 255, 220, 229

 28, 220, 208

 255, 220, 230

 6, 220, 207

 255, 220, 231

Harmonies

Analogous

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



207, 220, 213



204, 220, 219



204, 219, 224

Triad

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



204, 220, 219



221, 215, 224



224, 215, 206

Complementary

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



204, 220, 219



220, 204, 205

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.



228, 214, 209



204, 220, 219



226, 213, 220

Square

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



204, 220, 219



214, 216, 227



229, 213, 214



219, 217, 206

Rectangle

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



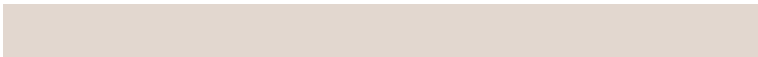
204, 220, 219



207, 219, 226



229, 213, 214



226, 215, 207

Sweetspot

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



204, 220, 219



250, 255, 255



205, 220, 204



125, 128, 127



0, 0, 0



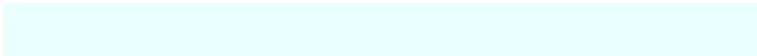
128, 128, 128

Same Dimension

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



204, 220, 219



232, 255, 254



204, 213, 220



99, 110, 109



0, 173, 163



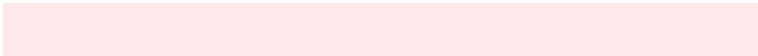
0, 46, 43

Inverse Universe

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



220, 204, 205



255, 232, 233



220, 211, 204



110, 99, 99



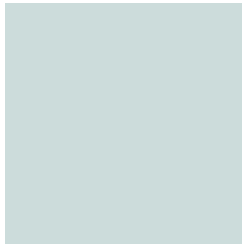
173, 0, 11



46, 0, 3

Previews

White Background



This preview shows how the RGB color 204, 220, 219 looks on a white background.

Color Contrast Check

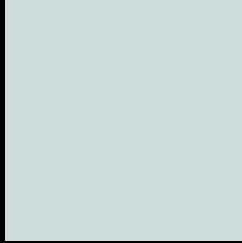
Large Text (above 18pt) WCAG AA × Fail

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, 220, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

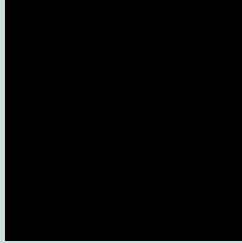
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

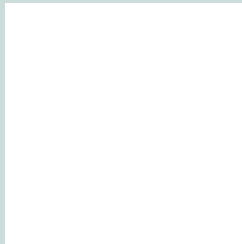
Any Text WCAG AAA ✓ Pass

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

RGB 204, 220, 219 Background



This preview shows how black text looks on a background with the RGB color 204, 220, 219.

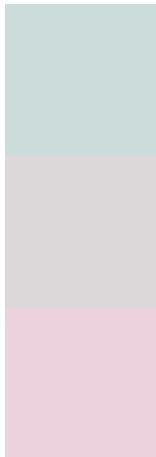


This preview shows how white text looks on a background with the RGB color 204, 220, 219.

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, 220, 219

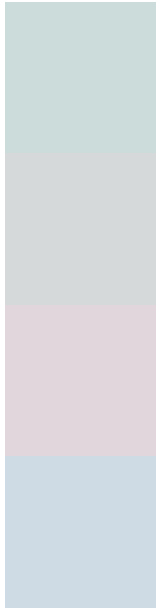
Protanopia
220, 215, 216

Deuteranopia
235, 210, 221



Tritanopia
207, 218, 235

Trichromacy



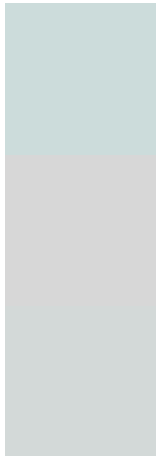
Original Color
204, 220, 219

Protanomaly
214, 217, 217

Deuteranomaly
224, 214, 220

Tritanomaly
206, 219, 229

Monochromacy



Original Color
204, 220, 219

Achromatopsia
215, 215, 215

Achromatomaly
211, 217, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 220, 219 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, 220, 219)` looks like.

```
.text, #text, p{  
    color:rgb(204, 220, 219)  
}
```

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, 220, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 220, 219) }
```

Border

The CSS property to change the border of an element to RGB 204, 220, 219 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, 220, 219) }
```

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

```
.border{ border-color:rgb(204, 220, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 220, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 220, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 220, 219);  
box-shadow:4px 4px 4px 4px rgb(204, 220,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 204, 220, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 220, 219) }
```

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

```
.background{ background-color: rgb(204,  
220, 219) }
```

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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