

Converting Colors

RGB(204, 217, 237)

Have a look what the booklet for
RGB(204, 217, 237) contains.

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Color

RGB(204, 217, 237)

Conversions

Conversions Part 1

Format	Color
Hex	CCD9ED
RGB	204, 217, 237
RGB Percent	80%, 85%, 93%
CMY	0.2000, 0.1490, 0.0706
CMYK	0.14, 0.08, 0.00, 0.07
HSL	216°, 48%, 86%
HSV	216°, 14%, 93%
XYZ	65.0008, 68.5775, 89.9316
YIQ	215.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

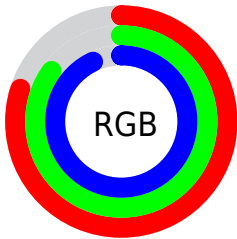
Format	Color
RYB	204, 213, 237
Decimal	13425133
CIELab	86.29, -0.41, -11.28
CIELCh	86, 11.287, 267.936
Yxy	68.5775, 0.2908, 0.3068
Android (android.graphics.Color)	4291615213 (0xFFCCD9ED)
YUV	215.3930, 10.6523, -9.9917
Hunter-Lab	82.8115, -4.8113, -6.4197

Details

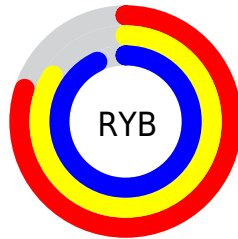
The RGB color `204, 217, 237` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `237, 224, 204`, and the grayscale version is `215, 215, 215`.

A 20% lighter version of the original color is `255, 255, 255`, and `150, 162, 181` is the 20% darker color. If you saturate the color by 10%, you get `180, 203, 237`, and if you desaturate by 10%, it is `228, 231, 237`.

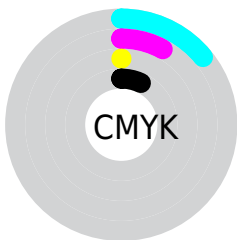
Distribution



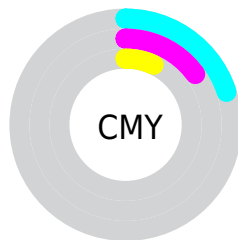
- Red (80%)
- Green (85%)
- Blue (93%)



- Red (80%)
- Yellow (84%)
- Blue (93%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 217, 237 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, 217, 237 by changing the saturation by 10% instead.

■ 204, 217, 237

255, 255, 255

■ 204, 217, 237

■ 176, 189, 209

■ 150, 162, 181

■ 124, 136, 154

■ 98, 111, 128

■ 74, 86, 103

■ 51, 63, 79

■ 29, 41, 56

■ 7, 21, 35

■ 0, 0, 12

■ 204, 217, 237

■ 204, 217, 237

■ 180, 203, 237

■ 228, 231, 237

■ 157, 188, 237

■ 251, 246, 237

■ 133, 174, 237

■ 255, 255, 237

■ 109, 160, 237

■ 86, 145, 237

■ 62, 131, 237

■ 38, 116, 237

■ 14, 102, 237

■ 0, 93, 237

Harmonies

Analogous

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



194, 220, 234



204, 217, 237



217, 213, 235

Triad

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



204, 217, 237



239, 209, 206



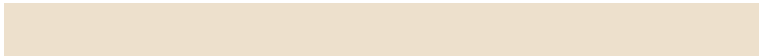
202, 221, 204

Complementary

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



204, 217, 237



237, 224, 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.



214, 218, 197



204, 217, 237



235, 212, 198

Square

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



204, 217, 237



237, 209, 217



226, 215, 195



193, 222, 215

Rectangle

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



204, 217, 237



226, 211, 230



226, 215, 195



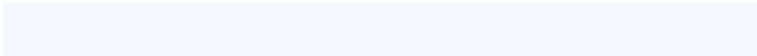
205, 220, 201

Sweetspot

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



204, 217, 237



245, 249, 255



204, 237, 224



121, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 217, 237



212, 229, 255



207, 204, 237



106, 110, 117



0, 71, 181



0, 21, 54

Inverse Universe

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



237, 204, 217



255, 212, 229



234, 237, 204



117, 106, 110



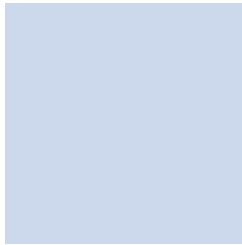
181, 0, 71



54, 0, 21

Previews

White Background



This preview shows how the RGB color 204, 217, 237 looks on a white background.

Color Contrast Check

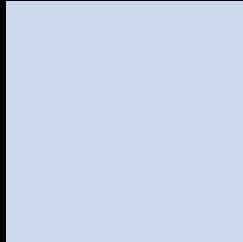
Large Text (above 18pt) WCAG AA × Fail

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, 217, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

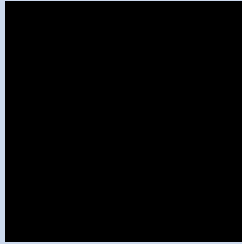
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

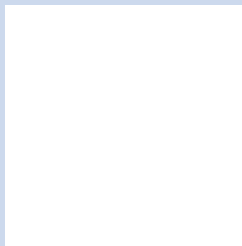
Any Text WCAG AAA ✓ Pass

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

RGB 204, 217, 237 Background



This preview shows how black text looks on a background with the RGB color 204, 217, 237.



This preview shows how white text looks on a background with the RGB color 204, 217, 237.

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, 217, 237

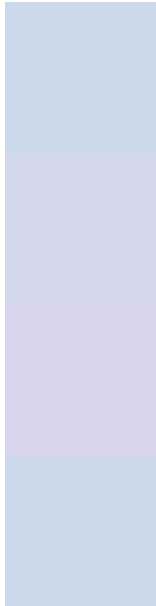
Protanopia
214, 214, 235

Deuteranopia
226, 210, 238



Tritanopia
204, 217, 235

Trichromacy



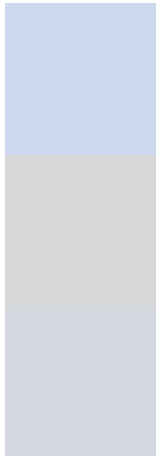
Original Color
204, 217, 237

Protanomaly
210, 215, 236

Deuteranomaly
218, 213, 238

Tritanomaly
204, 217, 236

Monochromacy



Original Color
204, 217, 237

Achromatopsia
215, 215, 215

Achromatomaly
211, 216, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 217, 237 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, 217, 237)` looks like.

```
.text, #text, p{  
    color:rgb(204, 217, 237)  
}
```

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, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 217, 237) }
```

Border

The CSS property to change the border of an element to RGB 204, 217, 237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

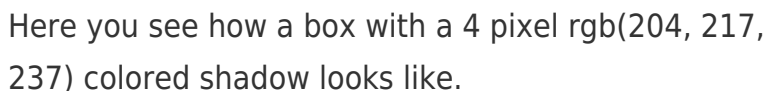
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 217, 237) }
```

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

```
.border{ border-color:rgb(204, 217, 237) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 217, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(204, 217,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 204, 217, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 217, 237) }
```

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

```
.background{ background-color: rgb(204,  
217, 237) }
```

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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