

Converting Colors

RGB(189, 206, 213)

Have a look what the booklet for
RGB(189, 206, 213) contains.

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Color

RGB(189, 206, 213)

Conversions

Conversions Part 1

Format	Color
Hex	BDCED5
RGB	189, 206, 213
RGB Percent	74%, 81%, 84%
CMY	0.2588, 0.1922, 0.1647
CMYK	0.11, 0.03, 0.00, 0.16
HSL	198°, 22%, 79%
HSV	198°, 11%, 84%
XYZ	55.0678, 59.7655, 71.5843
YIQ	201.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

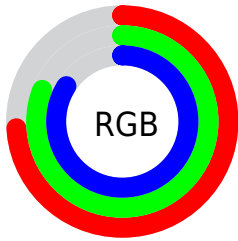
Format	Color
RYB	189, 199, 213
Decimal	12439253
CIELab	81.71, -4.34, -5.44
CIELCh	82, 6.958, 231.426
Yxy	59.7655, 0.2954, 0.3206
Android (android.graphics.Color)	4290629333 (0xFFBDCED5)
YUV	201.7150, 5.5635, -11.1511
Hunter-Lab	77.3082, -8.1410, -0.7845

Details

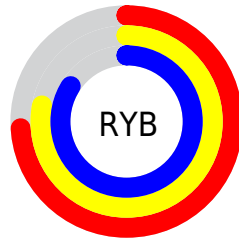
The RGB color **189, 206, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 196, 189**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **245, 255, 255**, and **136, 152, 158** is the 20% darker color. If you saturate the color by 10%, you get **168, 200, 213**, and if you desaturate by 10%, it is **210, 212, 213**.

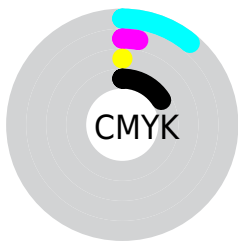
Distribution



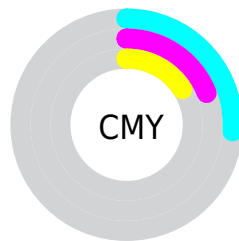
- Red (74%)
- Green (81%)
- Blue (84%)



- Red (74%)
- Yellow (78%)
- Blue (84%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 206, 213 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 189, 206, 213 by changing the saturation by 10% instead.

 189, 206, 213

255, 255, 255


 245, 255, 255

 189, 206, 213

 162, 179, 185

 136, 152, 158

 110, 126, 132

 86, 101, 107

 62, 77, 83

 40, 54, 60

 19, 33, 38

 0, 10, 18

 0, 0, 0

■ 189, 206, 213

■ 189, 206, 213

■ 168, 200, 213

■ 210, 212, 213

■ 146, 194, 213

■ 232, 218, 213

■ 125, 187, 213

■ 253, 225, 213

■ 104, 181, 213

■ 255, 231, 213

■ 83, 175, 213

■ 255, 237, 213

■ 61, 169, 213

■ 255, 243, 213

■ 40, 163, 213

■ 255, 249, 213

■ 19, 156, 213

■ 255, 255, 213

■ 0, 151, 213

Harmonies

Analogous

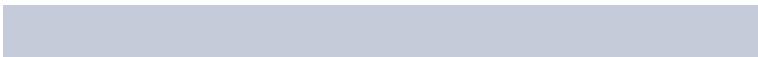
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187, 207, 208



189, 206, 213



195, 204, 216

Triad

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



189, 206, 213



216, 199, 205



204, 204, 191

Complementary

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



189, 206, 213



213, 196, 189

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.



211, 202, 190



189, 206, 213



218, 199, 199

Square

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



189, 206, 213



210, 200, 211



216, 200, 193



196, 206, 195

Rectangle

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



189, 206, 213



200, 203, 216



216, 200, 193



206, 203, 190

Sweetspot

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



189, 206, 213



247, 253, 255



189, 213, 196



122, 126, 128



0, 0, 0



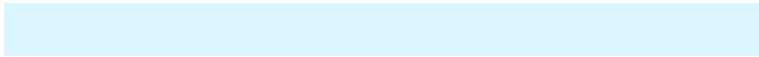
128, 128, 128

Same Dimension

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



189, 206, 213



219, 245, 255



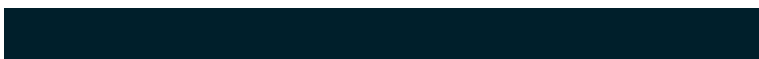
189, 194, 213



96, 104, 107



0, 121, 171



0, 31, 43

Inverse Universe

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



213, 189, 206



255, 219, 245



213, 208, 189



107, 96, 104



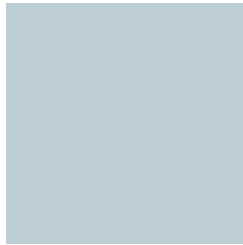
171, 0, 121



43, 0, 31

Previews

White Background



This preview shows how the RGB color 189, 206, 213 looks on a white background.

Color Contrast Check

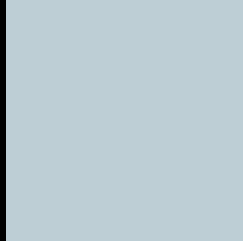
Large Text (above 18pt) WCAG AA × Fail

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 189, 206, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

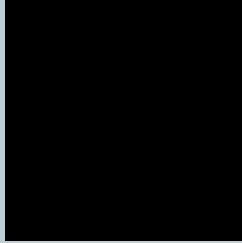
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

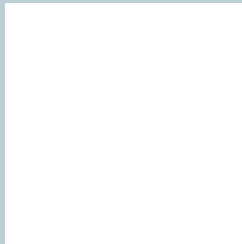
Any Text WCAG AAA ✓ Pass

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

RGB 189, 206, 213 Background



This preview shows how black text looks on a background with the RGB color 189, 206, 213.



This preview shows how white text looks on a background with the RGB color 189, 206, 213.

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](#).

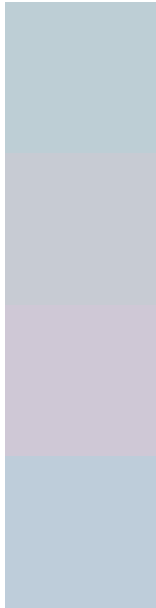
Dichromacy





Tritanopia
190, 205, 221

Trichromacy



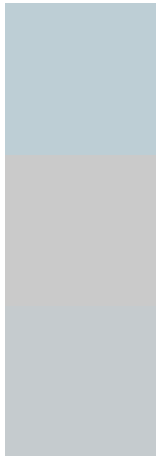
Original Color
189, 206, 213

Protanomaly
199, 203, 211

Deuteranomaly
207, 200, 214

Tritanomaly
190, 205, 218

Monochromacy



Original Color
189, 206, 213

Achromatopsia
202, 202, 202

Achromatomaly
197, 203, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 206, 213 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(189, 206, 213)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 213)  
}
```

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(189, 206, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 213) }
```

Border

The CSS property to change the border of an element to RGB 189, 206, 213 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(189, 206, 213) }
```

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

```
.border{ border-color:rgb(189, 206, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 206, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 206, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 206, 213); box-shadow:4px 4px 4px 4px rgb(189, 206, 213) }
```

Background

The CSS property to change the background color of an element to RGB 189, 206, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 213) }
```

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

```
.background{ background-color: rgb(189,  
206, 213) }
```

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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