

Converting Colors

RGB(179, 202, 213)

Have a look what the booklet for
RGB(179, 202, 213) contains.

RGB(179, 202, 213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(179, 202, 213)

Conversions

Conversions Part 1

Format	Color
Hex	B3CAD5
RGB	179, 202, 213
RGB Percent	70%, 79%, 84%
CMY	0.2980, 0.2078, 0.1647
CMYK	0.16, 0.05, 0.00, 0.16
HSL	199°, 29%, 77%
HSV	199°, 16%, 84%
XYZ	51.7212, 56.6289, 71.1553
YIQ	196.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

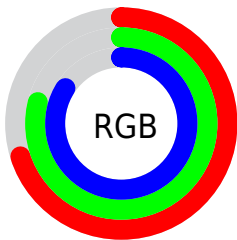
Format	Color
RYB	179, 193, 213
Decimal	11782869
CIELab	79.97, -5.46, -8.09
CIELCh	80, 9.761, 235.997
Yxy	56.6289, 0.2881, 0.3155
Android (android.graphics.Color)	4289972949 (0xFFB3CAD5)
YUV	196.3770, 8.1951, -15.2396
Hunter-Lab	75.2522, -9.0073, -3.3856

Details

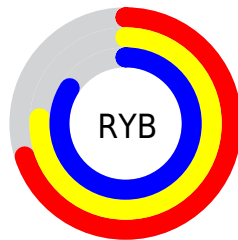
The RGB color **179, 202, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 190, 179**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **235, 255, 255**, and **126, 148, 158** is the 20% darker color. If you saturate the color by 10%, you get **158, 195, 213**, and if you desaturate by 10%, it is **200, 209, 213**.

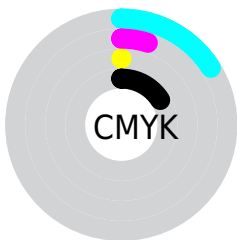
Distribution



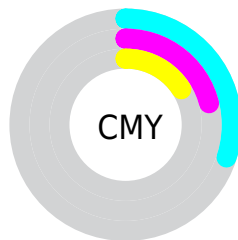
- Red (70%)
- Green (79%)
- Blue (84%)



- Red (70%)
- Yellow (76%)
- Blue (84%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 202, 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 179, 202, 213 by changing the saturation by 10% instead.

 179, 202, 213


255, 255, 255

 235, 255, 255


 179, 202, 213

 152, 175, 185

 126, 148, 158

 101, 122, 132

 76, 97, 107

 53, 74, 83

 30, 51, 60

 8, 30, 38

 0, 1, 18

 0, 0, 0

■ 179, 202, 213

■ 179, 202, 213

■ 158, 195, 213

■ 200, 209, 213

■ 136, 188, 213

■ 222, 216, 213

■ 115, 181, 213

■ 243, 223, 213

■ 94, 174, 213

■ 255, 230, 213

■ 72, 168, 213

■ 255, 236, 213

■ 51, 161, 213

■ 255, 243, 213

■ 30, 154, 213

■ 255, 250, 213

■ 9, 147, 213

■ 255, 255, 213

■ 0, 144, 213

Harmonies

Analogous

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



176, 204, 206



179, 202, 213



188, 199, 216

Triad

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



179, 202, 213



216, 192, 200



197, 200, 182

Complementary

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



179, 202, 213



213, 190, 179

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.



207, 197, 180



179, 202, 213



218, 193, 191

Square

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



179, 202, 213



209, 194, 209



215, 194, 183



187, 202, 188

Rectangle

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



179, 202, 213



195, 197, 216



215, 194, 183



201, 199, 181

Sweetspot

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



179, 202, 213



242, 251, 255



179, 213, 190



120, 125, 128



0, 0, 0



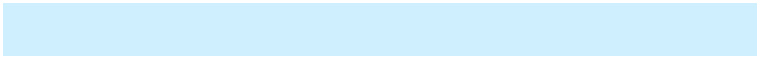
128, 128, 128

Same Dimension

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



179, 202, 213



207, 239, 255



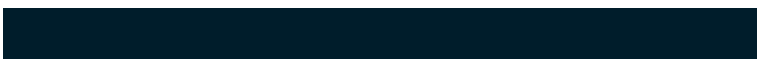
179, 185, 213



96, 104, 107



0, 116, 171



0, 29, 43

Inverse Universe

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



213, 179, 202



255, 207, 239



213, 207, 179



107, 96, 104



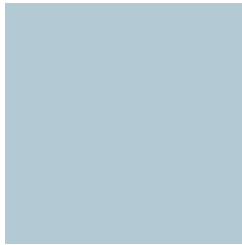
171, 0, 116



43, 0, 29

Previews

White Background



This preview shows how the RGB color 179, 202, 213 looks on a white background.

Color Contrast Check

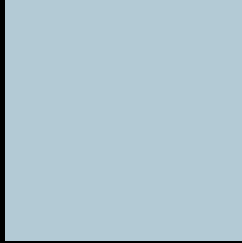
Large Text (above 18pt) WCAG AA × Fail

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 179, 202, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

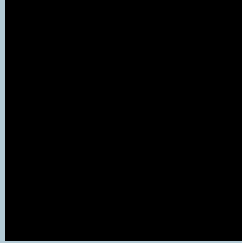
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

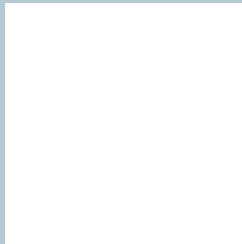
Any Text WCAG AAA ✓ Pass

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

RGB 179, 202, 213 Background



This preview shows how black text looks on a background with the RGB color 179, 202, 213.

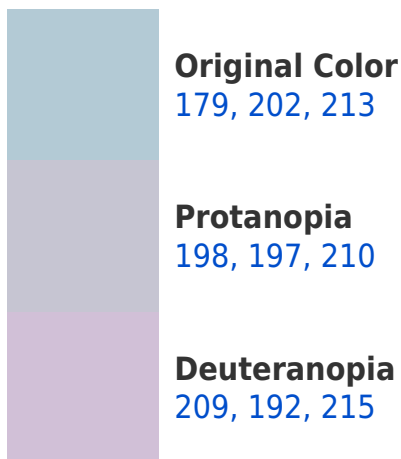


This preview shows how white text looks on a background with the RGB color 179, 202, 213.

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](#).

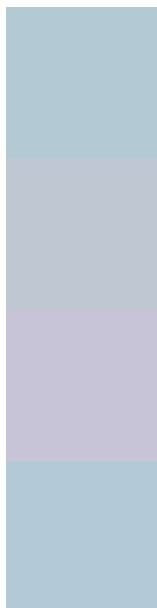
Dichromacy





Tritanopia
180, 201, 217

Trichromacy



Original Color

179, 202, 213

Protanomaly

191, 199, 211

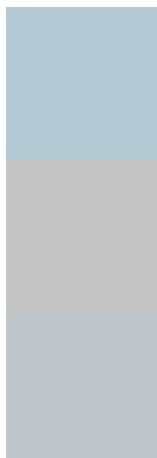
Deuteranomaly

198, 196, 214

Tritanomaly

180, 201, 216

Monochromacy



Original Color

179, 202, 213

Achromatopsia

196, 196, 196

Achromatomaly

190, 198, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 202, 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(179, 202, 213)` looks like.

```
.text, #text, p{  
    color:rgb(179, 202, 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(179, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 202, 213) }
```

Border

The CSS property to change the border of an element to RGB 179, 202, 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(179, 202, 213) }
```

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

```
.border{ border-color:rgb(179, 202, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 202, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 202, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 202, 213);  
box-shadow:4px 4px 4px 4px rgb(179, 202,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 179, 202, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 202, 213) }
```

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

```
.background{ background-color: rgb(179,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor