

Converting Colors

RGB(158, 197, 207)

Have a look what the booklet for
RGB(158, 197, 207) contains.

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Color

RGB(158, 197, 207)

Conversions

Conversions Part 1

Format	Color
Hex	9EC5CF
RGB	158, 197, 207
RGB Percent	62%, 77%, 81%
CMY	0.3804, 0.2275, 0.1882
CMYK	0.24, 0.05, 0.00, 0.19
HSL	192°, 34%, 72%
HSV	192°, 24%, 81%
XYZ	45.3293, 51.7066, 66.6227
YIQ	186.4790, -26.4540, -5.1580

Conversions

Conversions Part 2

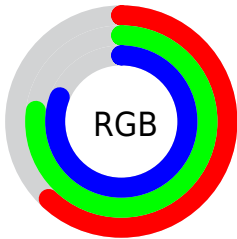
Format	Color
R _Y B	158, 180, 207
Decimal	10405327
CIE Lab	77.11, -10.67, -9.27
CIE LCh	77, 14.131, 220.975
Yxy	51.7066, 0.2770, 0.3159
Android (android.graphics.Color)	4288595407 (0xFF9EC5CF)
YUV	186.4790, 10.1169, -24.9761
Hunter-Lab	71.9073, -13.3140, -4.5976

Details

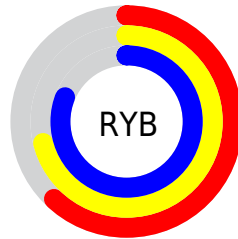
The RGB color **158, 197, 207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **207, 168, 158**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **213, 254, 255**, and **105, 143, 153** is the 20% darker color. If you saturate the color by 10%, you get **137, 193, 207**, and if you desaturate by 10%, it is **179, 201, 207**.

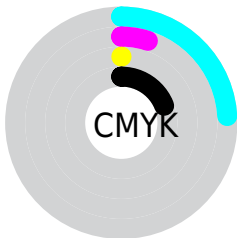
Distribution



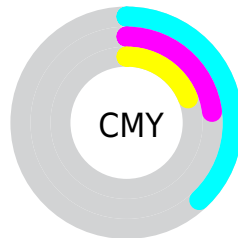
- Red (62%)
- Green (77%)
- Blue (81%)



- Red (62%)
- Yellow (71%)
- Blue (81%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (38%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 197, 207 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 158, 197, 207 by changing the saturation by 10% instead.


 158, 197, 207

255, 255, 255


 213, 254, 255

 242, 255, 255


 158, 197, 207

 131, 170, 179

 105, 143, 153

 80, 118, 127

 56, 93, 102

 31, 69, 78

 4, 47, 55

 0, 27, 34

 0, 0, 10

 0, 0, 0

■ 158, 197, 207

■ 158, 197, 207

■ 137, 193, 207

■ 179, 201, 207

■ 117, 189, 207

■ 199, 205, 207

■ 96, 184, 207

■ 220, 210, 207

■ 75, 180, 207

■ 241, 214, 207

■ 55, 176, 207

■ 255, 218, 207

■ 34, 172, 207

■ 255, 222, 207

■ 13, 167, 207

■ 255, 227, 207

■ 0, 165, 207

■ 255, 231, 207

■ 255, 235, 207

Harmonies

Analogous

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



158, 198, 195



158, 197, 207



167, 194, 215

Triad

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



158, 197, 207



212, 182, 199



196, 191, 165

Complementary

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



158, 197, 207



207, 168, 158

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.



209, 187, 166



158, 197, 207



218, 181, 186

Square

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



158, 197, 207



199, 186, 210



217, 183, 174



181, 195, 170

Rectangle

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



158, 197, 207



177, 191, 216



217, 183, 174



201, 190, 164

Sweetspot

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



158, 197, 207



237, 251, 255



158, 207, 168



117, 125, 128



0, 0, 0



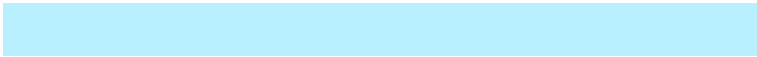
128, 128, 128

Same Dimension

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



158, 197, 207



184, 240, 255



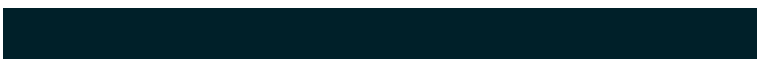
158, 173, 207



94, 102, 105



0, 134, 168



0, 32, 41

Inverse Universe

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



207, 158, 197



255, 184, 240



207, 192, 158



105, 94, 102



168, 0, 134



41, 0, 32

Previews

White Background



This preview shows how the RGB color 158, 197, 207 looks on a white background.

Color Contrast Check

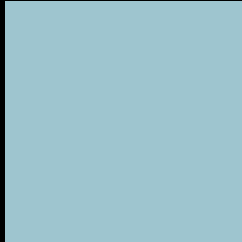
Large Text (above 18pt) WCAG AA × Fail

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 158, 197, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

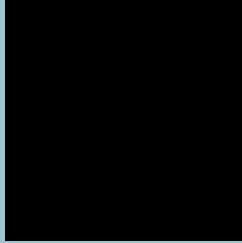
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

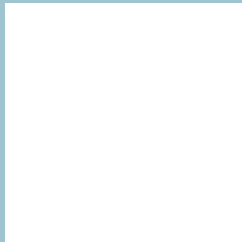
Any Text WCAG AAA ✓ Pass

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

RGB 158, 197, 207 Background



This preview shows how black text looks on a background with the RGB color 158, 197, 207.

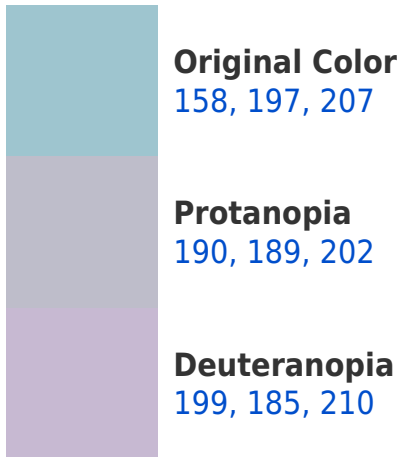


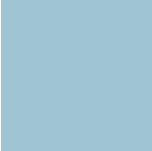
This preview shows how white text looks on a background with the RGB color 158, 197, 207.

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
159, 196, 212

Trichromacy



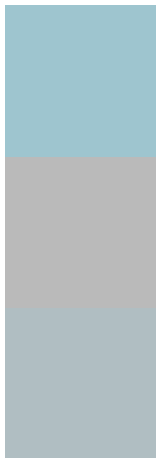
Original Color
158, 197, 207

Protanomaly
178, 192, 204

Deuteranomaly
184, 189, 209

Tritanomaly
159, 196, 210

Monochromacy



Original Color
158, 197, 207

Achromatopsia
186, 186, 186

Achromatomaly
176, 190, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 197, 207 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(158, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(158, 197, 207)  
}
```

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(158, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 197, 207) }
```

Border

The CSS property to change the border of an element to RGB 158, 197, 207 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(158, 197, 207) }
```

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

```
.border{ border-color:rgb(158, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(158, 197,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 158, 197, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 197, 207) }
```

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

```
.background{ background-color: rgb(158,  
197, 207) }
```

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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