

Converting Colors

RGB(109, 192, 207)

Have a look what the booklet for
RGB(109, 192, 207) contains.

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Color

RGB(109, 192, 207)

Conversions

Conversions Part 1

Format	Color
Hex	6DC0CF
RGB	109, 192, 207
RGB Percent	43%, 75%, 81%
CMY	0.5725, 0.2471, 0.1882
CMYK	0.47, 0.07, 0.00, 0.19
HSL	189°, 51%, 62%
HSV	189°, 47%, 81%
XYZ	36.4188, 45.4555, 65.8858
YIQ	168.8930, -54.2830, -12.9310

Conversions

Conversions Part 2

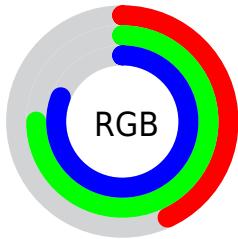
Format	Color
RYB	109, 154, 207
Decimal	7192783
CIELab	73.19, -21.28, -15.39
CIELCh	73, 26.262, 215.866
Yxy	45.4555, 0.2465, 0.3076
Android (android.graphics.Color)	4285382863 (0xFF6DC0CF)
YUV	168.8930, 18.7868, -52.5262
Hunter-Lab	67.4207, -21.5654, -10.7457

Details

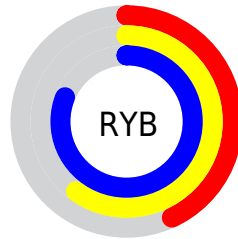
The RGB color **109, 192, 207** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **207, 124, 109**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **166, 249, 255**, and **50, 138, 153** is the 20% darker color. If you saturate the color by 10%, you get **88, 189, 207**, and if you desaturate by 10%, it is **130, 195, 207**.

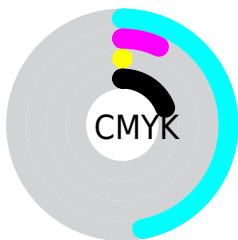
Distribution



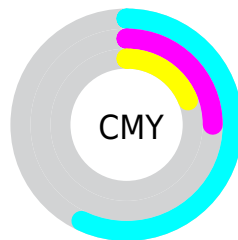
- Red (43%)
- Green (75%)
- Blue (81%)



- Red (43%)
- Yellow (60%)
- Blue (81%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)



- Cyan (57%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 192, 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 109, 192, 207 by changing the saturation by 10% instead.

 109, 192, 207


255, 255, 255


 166, 249, 255


 195, 255, 255


 224, 255, 255

254, 255, 255

 109, 192, 207

 80, 165, 179

 50, 138, 153

 3, 113, 127

 0, 88, 102

 0, 64, 78

 0, 42, 55

 0, 21, 34

 0, 0, 9

 0, 0, 0

■ 109, 192, 207

■ 109, 192, 207

■ 88, 189, 207

■ 130, 195, 207

■ 68, 186, 207

■ 150, 198, 207

■ 47, 182, 207

■ 171, 202, 207

■ 26, 179, 207

■ 192, 205, 207

■ 6, 176, 207

■ 212, 208, 207

■ 0, 175, 207

■ 233, 211, 207

■ 254, 214, 207

■ 255, 217, 207

■ 255, 221, 207

Harmonies

Analogous

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



116, 193, 184



109, 192, 207



125, 187, 223

Triad

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



109, 192, 207



215, 165, 200



193, 180, 132

Complementary

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



109, 192, 207



207, 124, 109

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, 172, 136



109, 192, 207



228, 162, 176

Square

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



109, 192, 207



190, 172, 219



227, 165, 153



166, 187, 140

Rectangle

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



109, 192, 207



145, 183, 227



227, 165, 153



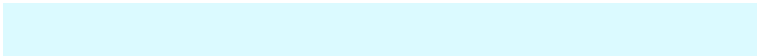
201, 177, 132

Sweetspot

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



109, 192, 207



219, 250, 255



109, 207, 124



106, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



109, 192, 207



110, 233, 255



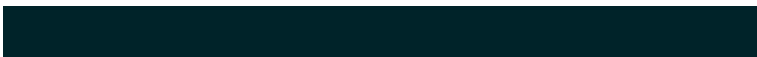
109, 143, 207



94, 103, 105



0, 143, 168



0, 35, 41

Inverse Universe

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



207, 109, 192



255, 110, 233



207, 173, 109



105, 94, 103



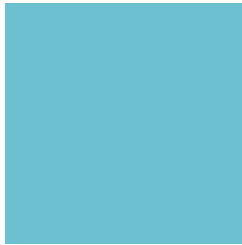
168, 0, 143



41, 0, 35

Previews

White Background



This preview shows how the RGB color 109, 192, 207 looks on a white background.

Color Contrast Check

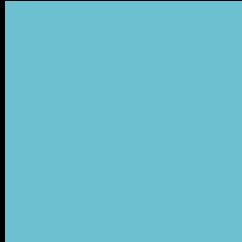
Large Text (above 18pt) WCAG AA × Fail

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 109, 192, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

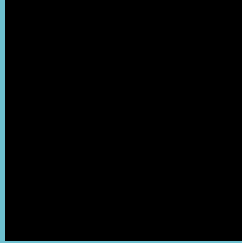
Any Text WCAG AA ✓ Pass

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 109, 192, 207 Background



This preview shows how black text looks on a background with the RGB color 109, 192, 207.

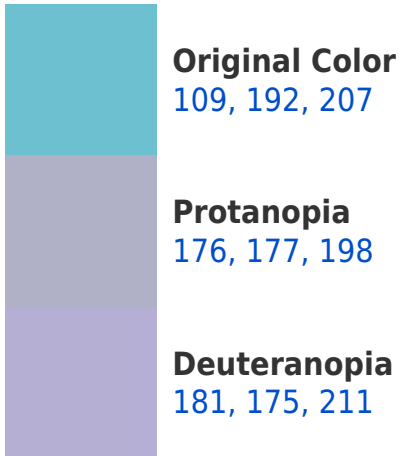


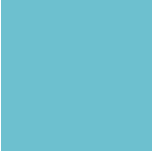
This preview shows how white text looks on a background with the RGB color 109, 192, 207.

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
109, 192, 207

Trichromacy



Original Color

109, 192, 207



Protanomaly

152, 182, 201



Deuteranomaly

155, 181, 210



Tritanomaly

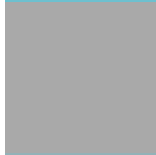
109, 192, 207

Monochromacy



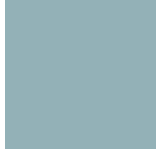
Original Color

109, 192, 207



Achromatopsia

169, 169, 169



Achromatomaly

147, 177, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 192, 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(109, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(109, 192, 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(109, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 192, 207) }
```

Border

The CSS property to change the border of an element to RGB 109, 192, 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(109, 192, 207) }
```

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

```
.border{ border-color:rgb(109, 192, 207) }
```

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

Here you see how a box with a 4 pixel rgb(109, 192, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(109, 192,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 109, 192, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 192, 207) }
```

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

```
.background{ background-color: rgb(109,  
192, 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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