

Converting Colors

RGB(108, 183, 204)

Have a look what the booklet for
RGB(108, 183, 204) contains.

RGB(108, 183, 204)	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(108, 183, 204)

Conversions

Conversions Part 1

Format	Color
Hex	6CB7CC
RGB	108, 183, 204
RGB Percent	42%, 72%, 80%
CMY	0.5765, 0.2824, 0.2000
CMYK	0.47, 0.10, 0.00, 0.20
HSL	193°, 48%, 61%
HSV	193°, 47%, 80%
XYZ	34.0169, 41.4148, 63.3277
YIQ	162.9690, -51.4410, -9.3690

Conversions

Conversions Part 2

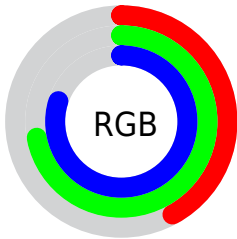
Format	Color
RYB	108, 150, 204
Decimal	7124940
CIELab	70.47, -17.70, -17.87
CIELCh	70, 25.151, 225.267
Yxy	41.4148, 0.2452, 0.2985
Android (android.graphics.Color)	4285315020 (0xFF6CB7CC)
YUV	162.9690, 20.2283, -48.2078
Hunter-Lab	64.3543, -18.2670, -13.2962

Details

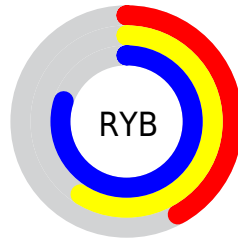
The RGB color **108, 183, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 129, 108**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **164, 239, 255**, and **50, 130, 150** is the 20% darker color. If you saturate the color by 10%, you get **88, 179, 204**, and if you desaturate by 10%, it is **128, 187, 204**.

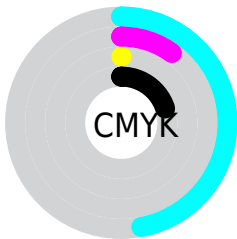
Distribution



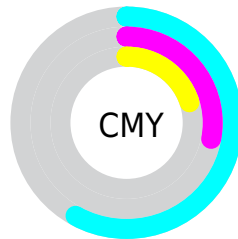
- Red (42%)
- Green (72%)
- Blue (80%)



- Red (42%)
- Yellow (59%)
- Blue (80%)



- Cyan (47%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 183, 204 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 108, 183, 204 by changing the saturation by 10% instead.

 108, 183, 204


255, 255, 255


 164, 239, 255


 193, 255, 255


 222, 255, 255


 252, 255, 255

 108, 183, 204


 80, 156, 177

 50, 130, 150

 7, 105, 124

 0, 80, 99

 0, 57, 75

 0, 36, 52

 0, 5, 32

 0, 0, 3

 0, 0, 0

■ 108, 183, 204

■ 108, 183, 204

■ 88, 179, 204

■ 128, 187, 204

■ 67, 174, 204

■ 149, 192, 204

■ 47, 170, 204

■ 169, 196, 204

■ 26, 165, 204

■ 190, 201, 204

■ 6, 161, 204

■ 210, 205, 204

■ 0, 159, 204

■ 230, 210, 204

■ 251, 214, 204

■ 255, 219, 204

■ 255, 223, 204

Harmonies

Analogous

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



108, 185, 184



108, 183, 204



129, 178, 216

Triad

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



108, 183, 204



211, 157, 185



177, 175, 128

Complementary

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



108, 183, 204



204, 129, 108

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.



199, 167, 129



108, 183, 204



219, 156, 161

Square

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



108, 183, 204



190, 163, 205



215, 160, 141



151, 181, 140

Rectangle

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



108, 183, 204



150, 173, 217



215, 160, 141



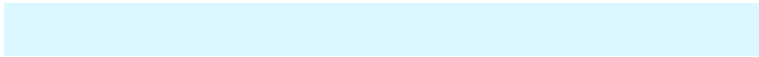
185, 172, 127

Sweetspot

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



108, 183, 204



219, 247, 255



108, 204, 129



106, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 183, 204



112, 224, 255



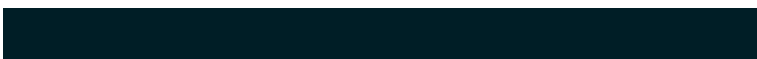
108, 135, 204



92, 100, 102



0, 129, 166



0, 30, 38

Inverse Universe

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



204, 108, 183



255, 112, 224



204, 177, 108



102, 92, 100



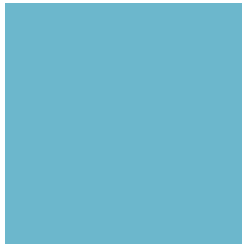
166, 0, 129



38, 0, 30

Previews

White Background



This preview shows how the RGB color 108, 183, 204 looks on a white background.

Color Contrast Check

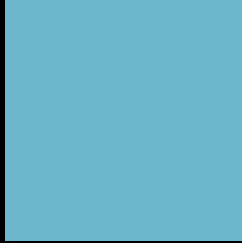
Large Text (above 18pt) WCAG AA × Fail

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 108, 183, 204 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 108, 183, 204 Background



This preview shows how black text looks on a background with the RGB color 108, 183, 204.

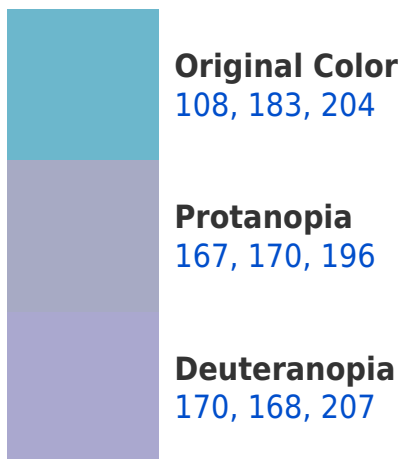


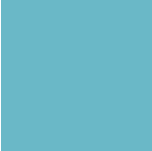
This preview shows how white text looks on a background with the RGB color 108, 183, 204.

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
106, 184, 199

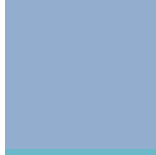
Trichromacy



Original Color
108, 183, 204



Protanomaly
146, 175, 199



Deuteranomaly
147, 173, 206



Tritanomaly
107, 184, 201

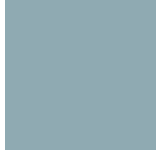
Monochromacy



Original Color
108, 183, 204



Achromatopsia
163, 163, 163



Achromatomaly
143, 170, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 183, 204 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(108, 183, 204)` looks like.

```
.text, #text, p{  
    color:rgb(108, 183, 204)  
}
```

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(108, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 183, 204) }
```

Border

The CSS property to change the border of an element to RGB 108, 183, 204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

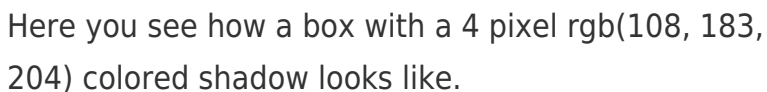
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 183, 204) }
```

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

```
.border{ border-color:rgb(108, 183, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 183, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 183, 204); box-shadow:4px 4px 4px 4px rgb(108, 183, 204) }
```

Background

The CSS property to change the background color of an element to RGB 108, 183, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 183, 204) }
```

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

```
.background{ background-color: rgb(108,  
183, 204) }
```

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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