

Converting Colors

RGB(104, 179, 209)

Have a look what the booklet for
RGB(104, 179, 209) contains.

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Color

RGB(104, 179, 209)

Conversions

Conversions Part 1

Format	Color
Hex	68B3D1
RGB	104, 179, 209
RGB Percent	41%, 70%, 82%
CMY	0.5922, 0.2980, 0.1804
CMYK	0.50, 0.14, 0.00, 0.18
HSL	197°, 53%, 61%
HSV	197°, 50%, 82%
XYZ	33.3376, 39.7867, 66.2441
YIQ	159.9950, -54.3300, -6.5700

Conversions

Conversions Part 2

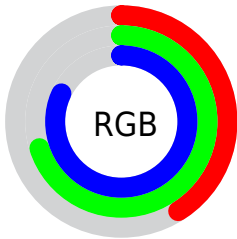
Format	Color
RYB	104, 148, 209
Decimal	6861777
CIELab	69.32, -15.13, -22.37
CIElCh	69, 27.008, 235.927
Yxy	39.7867, 0.2392, 0.2855
Android (android.graphics.Color)	4285051857 (0xFF68B3D1)
YUV	159.9950, 24.1595, -49.1076
Hunter-Lab	63.0767, -16.0424, -18.1136

Details

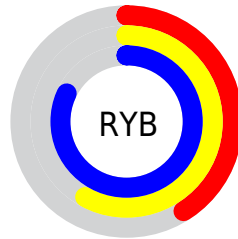
The RGB color **104, 179, 209** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **209, 134, 104**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **161, 235, 255**, and **43, 126, 154** is the 20% darker color. If you saturate the color by 10%, you get **83, 173, 209**, and if you desaturate by 10%, it is **125, 185, 209**.

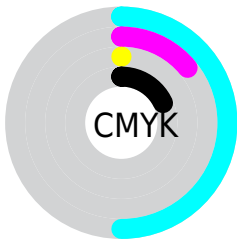
Distribution



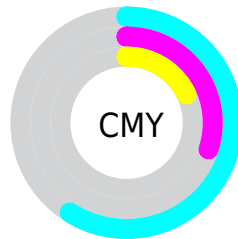
- Red (41%)
- Green (70%)
- Blue (82%)



- Red (41%)
- Yellow (58%)
- Blue (82%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 179, 209 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 104, 179, 209 by changing the saturation by 10% instead.

 104, 179, 209

255, 255, 255


 161, 235, 255


 190, 255, 255


 219, 255, 255

 249, 255, 255

 104, 179, 209


 75, 152, 181

 43, 126, 154

 0, 101, 128

 0, 77, 103

 0, 54, 79

 0, 33, 56

 0, 2, 35

 0, 0, 10

 0, 0, 0

■ 104, 179, 209

■ 104, 179, 209

■ 83, 173, 209

■ 125, 185, 209

■ 62, 167, 209

■ 146, 191, 209

■ 41, 161, 209

■ 167, 197, 209

■ 20, 155, 209

■ 188, 203, 209

■ 0, 149, 209

■ 209, 209, 209

■ 229, 215, 209

■ 250, 221, 209

■ 255, 227, 209

■ 255, 233, 209

Harmonies

Analogous

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



95, 182, 190



104, 179, 209



134, 173, 218

Triad

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



104, 179, 209



215, 152, 174



165, 174, 125

Complementary

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



104, 179, 209



209, 134, 104

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.



190, 167, 121



104, 179, 209



219, 153, 149

Square

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



104, 179, 209



198, 156, 197



209, 158, 130



136, 180, 141

Rectangle

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



104, 179, 209



157, 167, 216



209, 158, 130



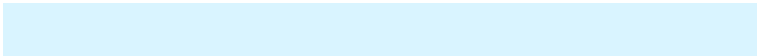
174, 172, 122

Sweetspot

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



104, 179, 209



217, 244, 255



104, 209, 134



105, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



104, 179, 209



102, 211, 255



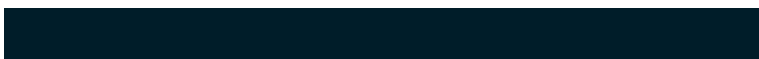
104, 127, 209



94, 102, 105



0, 120, 168



0, 29, 41

Inverse Universe

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



209, 104, 179



255, 102, 211



209, 186, 104



105, 94, 102



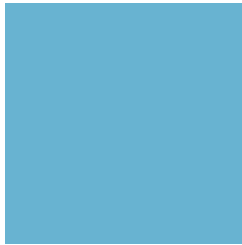
168, 0, 120



41, 0, 29

Previews

White Background



This preview shows how the RGB color 104, 179, 209 looks on a white background.

Color Contrast Check

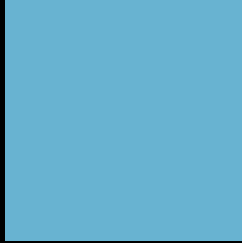
Large Text (above 18pt) WCAG AA × Fail

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 104, 179, 209 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 104, 179, 209 Background



This preview shows how black text looks on a background with the RGB color 104, 179, 209.

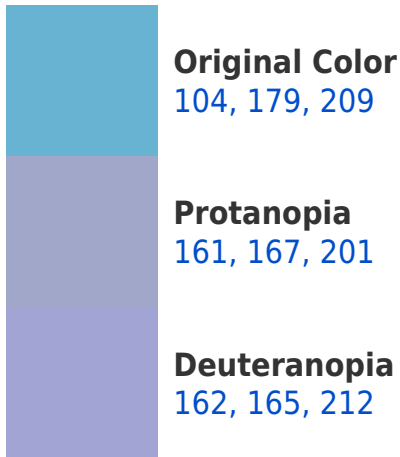


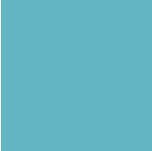
This preview shows how white text looks on a background with the RGB color 104, 179, 209.

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](#).

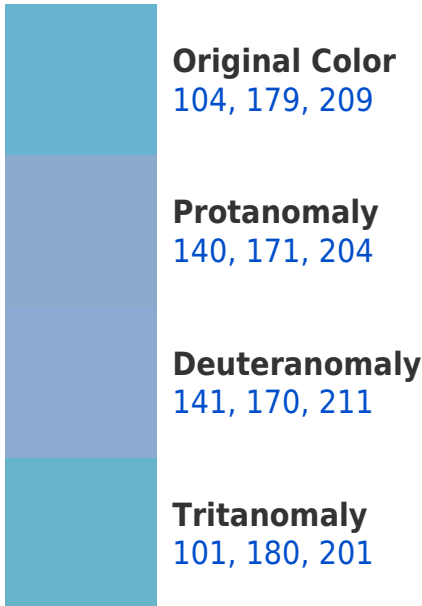
Dichromacy



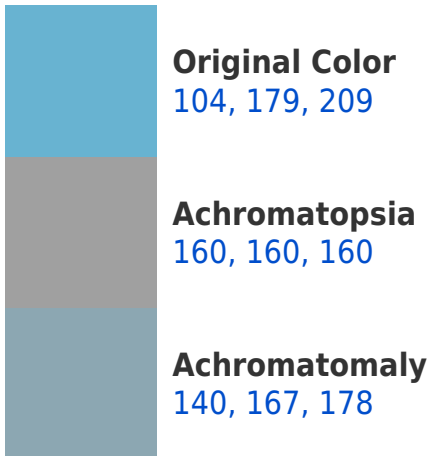


Tritanopia
100, 181, 196

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 179, 209 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(104, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(104, 179, 209)  
}
```

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(104, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 179, 209) }
```

Border

The CSS property to change the border of an element to RGB 104, 179, 209 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(104, 179, 209) }
```

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

```
.border{ border-color:rgb(104, 179, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(104, 179,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 104, 179, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 179, 209) }
```

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

```
.background{ background-color: rgb(104,  
179, 209) }
```

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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