

Converting Colors

RGB(103, 179, 216)

Have a look what the booklet for
RGB(103, 179, 216) contains.

RGB(103, 179, 216)	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(103, 179, 216)

Conversions

Conversions Part 1

Format	Color
Hex	67B3D8
RGB	103, 179, 216
RGB Percent	40%, 70%, 85%
CMY	0.5961, 0.2980, 0.1529
CMYK	0.52, 0.17, 0.00, 0.15
HSL	200°, 59%, 63%
HSV	200°, 52%, 85%
XYZ	34.1083, 40.0816, 70.9046
YIQ	160.4940, -57.1730, -4.6050

Conversions

Conversions Part 2

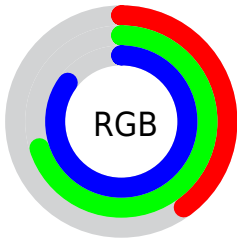
Format	Color
RYB	103, 148, 216
Decimal	6796248
CIELab	69.53, -13.34, -25.89
CIELCh	70, 29.128, 242.741
Yxy	40.0816, 0.2351, 0.2762
Android (android.graphics.Color)	4284986328 (0xFF67B3D8)
YUV	160.4940, 27.3645, -50.4222
Hunter-Lab	63.3101, -14.6257, -22.0852

Details

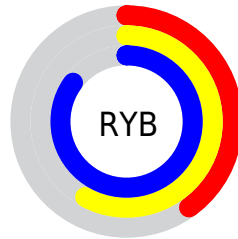
The RGB color **103, 179, 216** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **216, 140, 103**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **161, 235, 255**, and **40, 126, 161** is the 20% darker color. If you saturate the color by 10%, you get **81, 172, 216**, and if you desaturate by 10%, it is **125, 186, 216**.

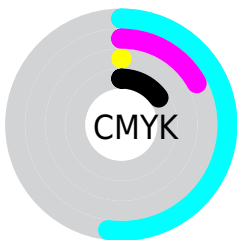
Distribution



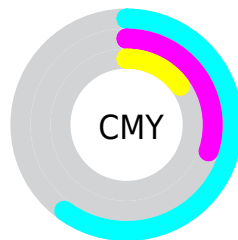
- Red (40%)
- Green (70%)
- Blue (85%)



- Red (40%)
- Yellow (58%)
- Blue (85%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 179, 216 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 103, 179, 216 by changing the saturation by 10% instead.

 103, 179, 216

255, 255, 255


 161, 235, 255


 190, 255, 255


 219, 255, 255

 249, 255, 255

 103, 179, 216


 73, 152, 188

 40, 126, 161

 0, 101, 135

 0, 77, 109

 0, 54, 85

 0, 33, 61

 0, 3, 40

 0, 1, 17

 0, 0, 0

■ 103, 179, 216

■ 103, 179, 216

■ 81, 172, 216

■ 125, 186, 216

■ 60, 165, 216

■ 146, 193, 216

■ 38, 158, 216

■ 168, 200, 216

■ 17, 151, 216

■ 189, 207, 216

■ 0, 145, 216

■ 211, 214, 216

■ 233, 221, 216

■ 254, 229, 216

■ 255, 236, 216

■ 255, 243, 216

Harmonies

Analogous

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



86, 183, 197



103, 179, 216



139, 171, 222

Triad

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



103, 179, 216



221, 150, 168



158, 177, 125

Complementary

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



103, 179, 216



216, 140, 103

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.



186, 169, 117



103, 179, 216



221, 153, 143

Square

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



103, 179, 216



206, 154, 194



209, 160, 124



127, 182, 145

Rectangle

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



103, 179, 216



165, 165, 218



209, 160, 124



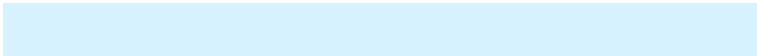
168, 174, 121

Sweetspot

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



103, 179, 216



214, 242, 255



103, 216, 139



103, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



103, 179, 216



94, 202, 255



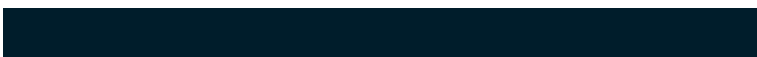
103, 124, 216



96, 104, 107



0, 115, 171



0, 29, 43

Inverse Universe

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



216, 103, 179



255, 94, 202



216, 195, 103



107, 96, 104



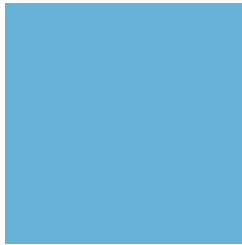
171, 0, 115



43, 0, 29

Previews

White Background



This preview shows how the RGB color 103, 179, 216 looks on a white background.

Color Contrast Check

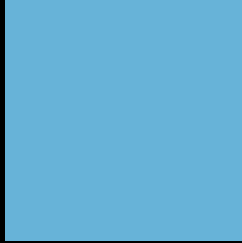
Large Text (above 18pt) WCAG AA × Fail

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 103, 179, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

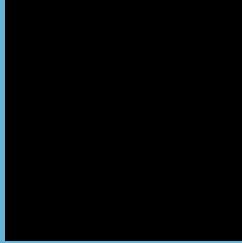
Any Text WCAG AA ✓ Pass

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 103, 179, 216 Background



This preview shows how black text looks on a background with the RGB color 103, 179, 216.

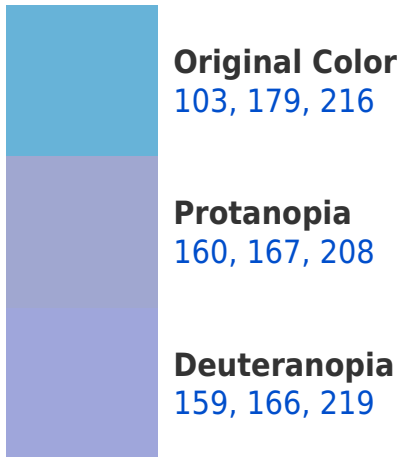


This preview shows how white text looks on a background with the RGB color 103, 179, 216.

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
96, 182, 197

Trichromacy



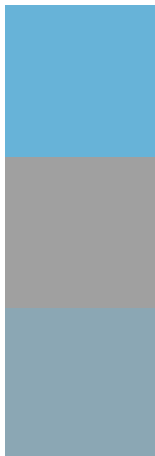
Original Color
103, 179, 216

Protanomaly
139, 171, 211

Deuteranomaly
139, 171, 218

Tritanomaly
99, 181, 204

Monochromacy



Original Color
103, 179, 216

Achromatopsia
160, 160, 160

Achromatomaly
139, 167, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 179, 216 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(103, 179, 216)` looks like.

```
.text, #text, p{  
    color:rgb(103, 179, 216)  
}
```

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(103, 179, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 179, 216) }
```

Border

The CSS property to change the border of an element to RGB 103, 179, 216 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(103, 179, 216) }
```

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

```
.border{ border-color:rgb(103, 179, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 179, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 179, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 179, 216);  
box-shadow:4px 4px 4px 4px rgb(103, 179,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 103, 179, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 179, 216) }
```

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

```
.background{ background-color: rgb(103,  
179, 216) }
```

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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