

Converting Colors

RGB(103, 195, 195)

Have a look what the booklet for
RGB(103, 195, 195) contains.

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Color

RGB(103, 195, 195)

Conversions

Conversions Part 1

Format	Color
Hex	67C3C3
RGB	103, 195, 195
RGB Percent	40%, 76%, 76%
CMY	0.5961, 0.2353, 0.2353
CMYK	0.47, 0.00, 0.00, 0.24
HSL	180°, 43%, 58%
HSV	180°, 47%, 76%
XYZ	34.9590, 45.8539, 58.6379
YIQ	167.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

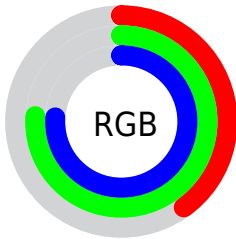
Format	Color
RYB	103, 149, 195
Decimal	6800323
CIELab	73.45, -27.32, -8.49
CIELCh	73, 28.611, 197.268
Yxy	45.8539, 0.2507, 0.3288
Android (android.graphics.Color)	4284990403 (0xFF67C3C3)
YUV	167.4920, 13.5614, -56.5595
Hunter-Lab	67.7155, -26.3494, -3.9410

Details

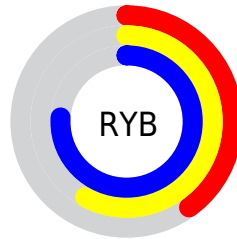
The RGB color **103, 195, 195** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **195, 103, 103**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **160, 252, 252**, and **42, 141, 141** is the 20% darker color. If you saturate the color by 10%, you get **84, 195, 195**, and if you desaturate by 10%, it is **122, 195, 195**.

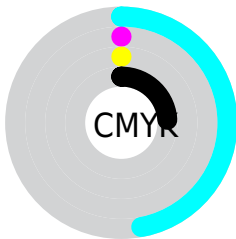
Distribution



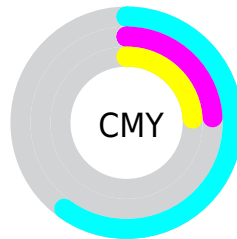
- Red (40%)
- Green (76%)
- Blue (76%)



- Red (40%)
- Yellow (58%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (60%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 195, 195 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, 195, 195 by changing the saturation by 10% instead.

 103, 195, 195


255, 255, 255


 160, 252, 252


 189, 255, 255


 218, 255, 255


 248, 255, 255

 103, 195, 195

 74, 168, 168

 42, 141, 141

 0, 115, 116

 0, 90, 91


 0, 66, 68


 0, 43, 46

 0, 21, 25


 0, 0, 0


 103, 195, 195


 103, 195, 195


 84, 195, 195


 122, 195, 195


 64, 195, 195

 142, 195, 195


 44, 195, 195

 162, 195, 195

 25, 195, 195


 181, 195, 195

 6, 195, 195

 201, 195, 195

 0, 195, 195

 220, 195, 195

 240, 195, 195

 255, 195, 195

Harmonies

Analogous

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



124, 194, 168



103, 195, 195



104, 192, 218

Triad

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



103, 195, 195



203, 169, 216



210, 175, 130

Complementary

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



103, 195, 195



195, 103, 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.



227, 167, 143



103, 195, 195



225, 162, 193

Square

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



103, 195, 195



169, 178, 230



234, 162, 166



184, 184, 130

Rectangle

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



103, 195, 195



121, 189, 228



234, 162, 166



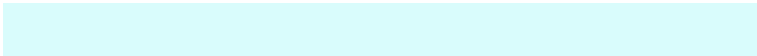
217, 172, 133

Sweetspot

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



103, 195, 195



217, 252, 252



103, 195, 103



106, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



103, 195, 195



109, 252, 252



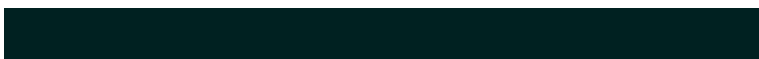
103, 149, 195



87, 97, 97



0, 161, 161



0, 33, 33

Inverse Universe

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



195, 103, 195



252, 109, 252



195, 149, 103



97, 87, 97



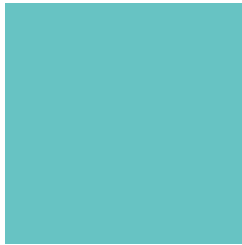
161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RGB color 103, 195, 195 looks on a white background.

Color Contrast Check

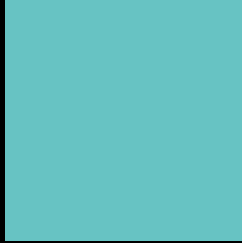
Large Text (above 18pt) WCAG AA × Fail

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, 195, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

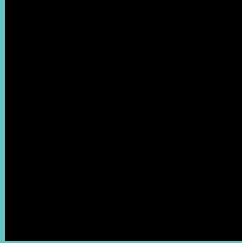
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

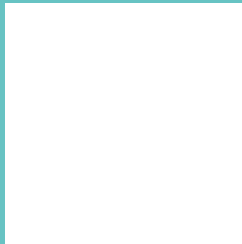
Any Text WCAG AAA ✓ Pass

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

RGB 103, 195, 195 Background



This preview shows how black text looks on a background with the RGB color 103, 195, 195.



This preview shows how white text looks on a background with the RGB color 103, 195, 195.

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](#).

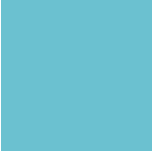
Dichromacy



Original Color
103, 195, 195

Protanopia
181, 178, 185

Deuteranopia
188, 175, 199



Tritanopia
107, 193, 208

Trichromacy



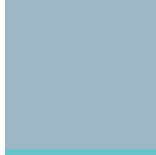
Original Color

103, 195, 195



Protanomaly

153, 184, 189



Deuteranomaly

157, 182, 198



Tritanomaly

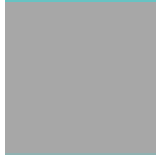
106, 194, 203

Monochromacy



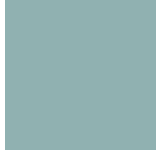
Original Color

103, 195, 195



Achromatopsia

167, 167, 167



Achromatomaly

144, 177, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 195, 195 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, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(103, 195, 195)  
}
```

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, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 195, 195) }
```

Border

The CSS property to change the border of an element to RGB 103, 195, 195 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, 195, 195) }
```

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

```
.border{ border-color:rgb(103, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(103, 195,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 103, 195, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 195, 195) }
```

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

```
.background{ background-color: rgb(103,  
195, 195) }
```

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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