

Converting Colors

RGB(123, 197, 197)

Have a look what the booklet for
RGB(123, 197, 197) contains.

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Color

RGB(123, 197, 197)

Conversions

Conversions Part 1

Format	Color
Hex	7BC5C5
RGB	123, 197, 197
RGB Percent	48%, 77%, 77%
CMY	0.5176, 0.2275, 0.2275
CMYK	0.38, 0.00, 0.00, 0.23
HSL	180°, 39%, 63%
HSV	180°, 38%, 77%
XYZ	38.2127, 48.1747, 60.1079
YIQ	174.8740, -44.1040, -15.6880

Conversions

Conversions Part 2

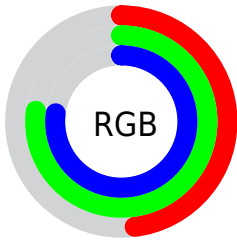
Format	Color
RYB	123, 160, 197
Decimal	8111557
CIELab	74.93, -22.93, -7.28
CIElCh	75, 24.061, 197.617
Yxy	48.1747, 0.2608, 0.3288
Android (android.graphics.Color)	4286301637 (0xFF7BC5C5)
YUV	174.8740, 10.9081, -45.4935
Hunter-Lab	69.4080, -23.1905, -2.7601

Details

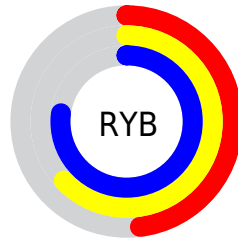
The RGB color **123, 197, 197** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **197, 123, 123**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **179, 254, 254**, and **68, 143, 143** is the 20% darker color. If you saturate the color by 10%, you get **103, 197, 197**, and if you desaturate by 10%, it is **143, 197, 197**.

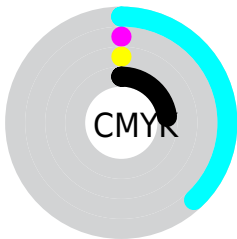
Distribution



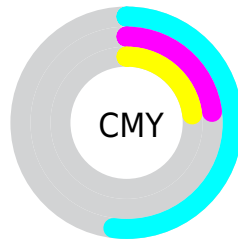
- Red (48%)
- Green (77%)
- Blue (77%)



- Red (48%)
- Yellow (63%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 197, 197 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 123, 197, 197 by changing the saturation by 10% instead.

 123, 197, 197


255, 255, 255


 179, 254, 254


 207, 255, 255


 236, 255, 255

 123, 197, 197

 96, 170, 170

 68, 143, 143

 39, 117, 118

 0, 92, 93


 0, 68, 70

 0, 46, 47


 0, 27, 26


 0, 0, 0

 123, 197, 197


 123, 197, 197

 103, 197, 197


 143, 197, 197


 84, 197, 197


 162, 197, 197

 64, 197, 197

 182, 197, 197


 44, 197, 197

 202, 197, 197

 25, 197, 197

 222, 197, 197

 5, 197, 197

 241, 197, 197

 0, 197, 197

 255, 197, 197

Harmonies

Analogous

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



138, 196, 174



123, 197, 197



125, 195, 216

Triad

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



123, 197, 197



204, 175, 214



210, 180, 142

Complementary

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



123, 197, 197



197, 123, 123

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.



225, 173, 153



123, 197, 197



223, 169, 195

Square

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



123, 197, 197



176, 182, 226



230, 169, 172



187, 187, 142

Rectangle

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



123, 197, 197



138, 191, 225



230, 169, 172



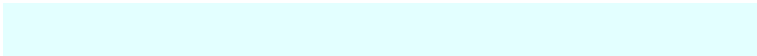
216, 177, 144

Sweetspot

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



123, 197, 197



227, 255, 255



123, 197, 123



111, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



123, 197, 197



140, 255, 255



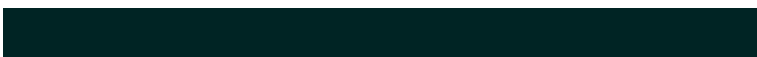
123, 160, 197



90, 99, 99



0, 163, 163



0, 36, 36

Inverse Universe

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



197, 123, 197



255, 140, 255



197, 160, 123



99, 90, 99



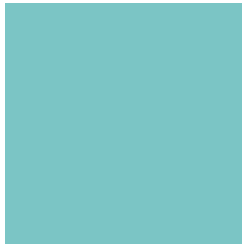
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RGB color 123, 197, 197 looks on a white background.

Color Contrast Check

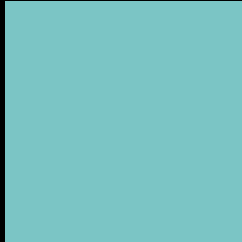
Large Text (above 18pt) WCAG AA × Fail

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 123, 197, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

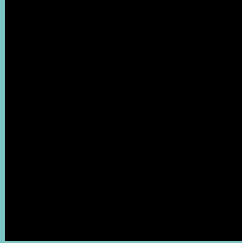
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

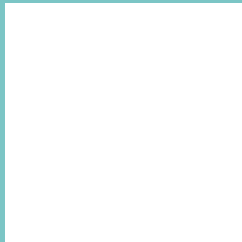
Any Text WCAG AAA ✓ Pass

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

RGB 123, 197, 197 Background



This preview shows how black text looks on a background with the RGB color 123, 197, 197.

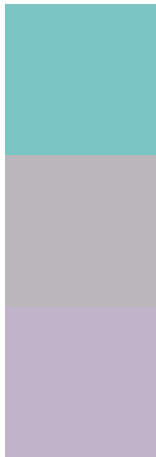


This preview shows how white text looks on a background with the RGB color 123, 197, 197.

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](#).

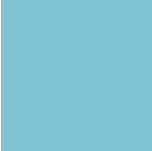
Dichromacy



Original Color
123, 197, 197

Protanopia
185, 183, 188

Deuteranopia
193, 179, 201



Tritanopia
127, 195, 211

Trichromacy



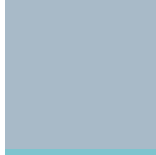
Original Color

123, 197, 197



Protanomaly

162, 188, 191



Deuteranomaly

168, 186, 200



Tritanomaly

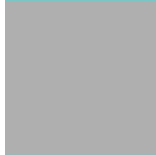
126, 196, 206

Monochromacy



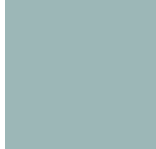
Original Color

123, 197, 197



Achromatopsia

175, 175, 175



Achromatomaly

156, 183, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 197, 197 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(123, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(123, 197, 197)  
}
```

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(123, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 197, 197) }
```

Border

The CSS property to change the border of an element to RGB 123, 197, 197 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(123, 197, 197) }
```

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

```
.border{ border-color:rgb(123, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(123, 197,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 123, 197, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 197, 197) }
```

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

```
.background{ background-color: rgb(123,  
197, 197) }
```

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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