

Converting Colors

RGB(123, 190, 190)

Have a look what the booklet for
RGB(123, 190, 190) contains.

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Color

RGB(123, 190, 190)

Conversions

Conversions Part 1

Format	Color
Hex	7BBEBE
RGB	123, 190, 190
RGB Percent	48%, 75%, 75%
CMY	0.5176, 0.2549, 0.2549
CMYK	0.35, 0.00, 0.00, 0.25
HSL	180°, 34%, 61%
HSV	180°, 35%, 75%
XYZ	35.8761, 44.7556, 55.4630
YIQ	169.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

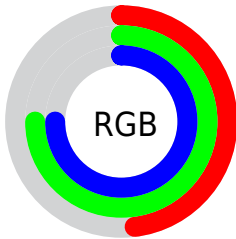
Format	Color
R _{YB}	123, 157, 190
Decimal	8109758
CIE Lab	72.73, -21.11, -6.74
CIE LCh	73, 22.162, 197.713
Yxy	44.7556, 0.2636, 0.3289
Android (android.graphics.Color)	4286299838 (0xFF7BBEBE)
YUV	169.9670, 9.8763, -41.1901
Hunter-Lab	66.8996, -21.3505, -2.3246

Details

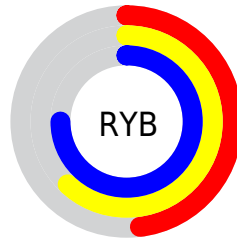
The RGB color **123, 190, 190** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **190, 123, 123**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **178, 246, 246**, and **69, 136, 137** is the 20% darker color. If you saturate the color by 10%, you get **104, 190, 190**, and if you desaturate by 10%, it is **142, 190, 190**.

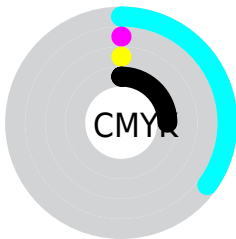
Distribution



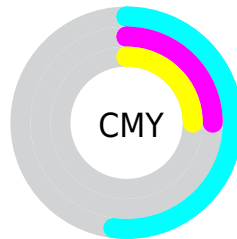
- Red (48%)
- Green (75%)
- Blue (75%)



- Red (48%)
- Yellow (62%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 190, 190 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, 190, 190 by changing the saturation by 10% instead.

 123, 190, 190


255, 255, 255


 178, 246, 246


 207, 255, 255

 235, 255, 255

 123, 190, 190

 96, 163, 163


 69, 136, 137

 42, 111, 111

 5, 86, 87

 0, 63, 64


 0, 40, 42

 0, 18, 22


 0, 0, 0


 123, 190, 190


 123, 190, 190


 104, 190, 190


 142, 190, 190

 85, 190, 190


 161, 190, 190

 66, 190, 190

 180, 190, 190


 47, 190, 190

 199, 190, 190

 28, 190, 190

 218, 190, 190

 9, 190, 190

 237, 190, 190

 0, 190, 190

 255, 190, 190

Harmonies

Analogous

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



137, 190, 169



123, 190, 190



125, 188, 208

Triad

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



123, 190, 190



196, 169, 206



202, 174, 139

Complementary

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



123, 190, 190



190, 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.



216, 168, 149



123, 190, 190



214, 165, 188

Square

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



123, 190, 190



171, 176, 217



221, 164, 167



181, 181, 140

Rectangle

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



123, 190, 190



136, 185, 215



221, 164, 167



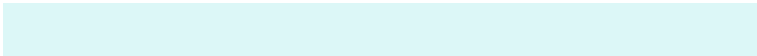
207, 172, 142

Sweetspot

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



123, 190, 190



220, 247, 247



123, 190, 123



109, 125, 125



252, 252, 252



125, 125, 125

Same Dimension

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



123, 190, 190



143, 247, 247



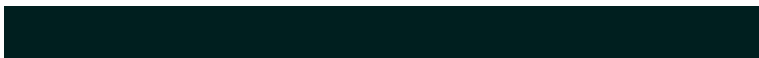
123, 157, 190



85, 94, 94



0, 158, 158



0, 31, 31

Inverse Universe

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



190, 123, 190



247, 143, 247



190, 157, 123



94, 85, 94



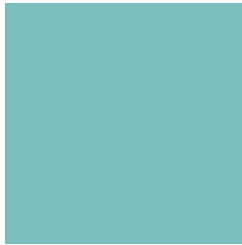
158, 0, 158



31, 0, 31

Previews

White Background



This preview shows how the RGB color 123, 190, 190 looks on a white background.

Color Contrast Check

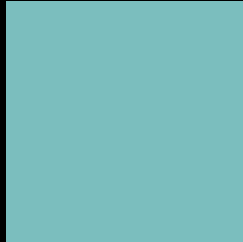
Large Text (above 18pt) WCAG AA × Fail

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, 190, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

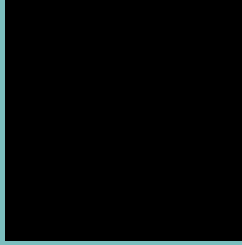
Any Text WCAG AA ✓ Pass

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, 190, 190 Background



This preview shows how black text looks on a background with the RGB color 123, 190, 190.



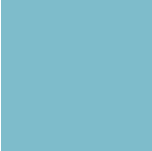
This preview shows how white text looks on a background with the RGB color 123, 190, 190.

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
126, 188, 203

Trichromacy



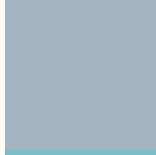
Original Color

123, 190, 190



Protanomaly

159, 182, 185



Deuteranomaly

164, 179, 193



Tritanomaly

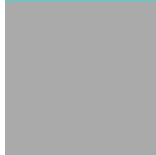
125, 189, 198

Monochromacy



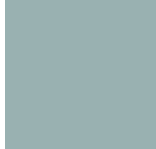
Original Color

123, 190, 190



Achromatopsia

170, 170, 170



Achromatomaly

153, 177, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 190, 190 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, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(123, 190, 190)  
}
```

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, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 190, 190) }
```

Border

The CSS property to change the border of an element to RGB 123, 190, 190 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, 190, 190) }
```

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

```
.border{ border-color:rgb(123, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(123, 190,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 123, 190, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 190, 190) }
```

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

```
.background{ background-color: rgb(123,  
190, 190) }
```

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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