

Converting Colors

RGB(123, 203, 194)

Have a look what the booklet for
RGB(123, 203, 194) contains.

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Color

RGB(123, 203, 194)

Conversions

Conversions Part 1

Format	Color
Hex	7BCBC2
RGB	123, 203, 194
RGB Percent	48%, 80%, 76%
CMY	0.5176, 0.2039, 0.2392
CMYK	0.39, 0.00, 0.04, 0.20
HSL	173°, 43%, 64%
HSV	173°, 39%, 80%
XYZ	39.2619, 50.8179, 58.7784
YIQ	178.0540, -44.7910, -19.7590

Conversions

Conversions Part 2

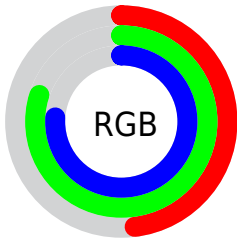
Format	Color
R _{YB}	123, 165, 203
Decimal	8113090
CIE Lab	76.57, -26.63, -3.25
CIE LCh	77, 26.824, 186.953
Yxy	50.8179, 0.2638, 0.3414
Android (android.graphics.Color)	4286303170 (0xFF7BCBC2)
YUV	178.0540, 7.8614, -48.2824
Hunter-Lab	71.2867, -26.4408, 1.0139

Details

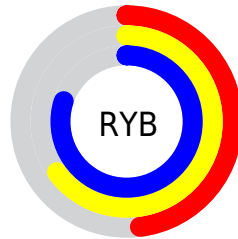
The RGB color **123, 203, 194** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **203, 123, 132**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **179, 255, 250**, and **68, 149, 140** is the 20% darker color. If you saturate the color by 10%, you get **103, 203, 192**, and if you desaturate by 10%, it is **143, 203, 196**.

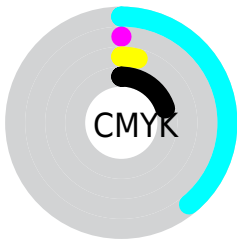
Distribution



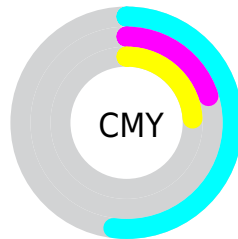
- Red (48%)
- Green (80%)
- Blue (76%)



- Red (48%)
- Yellow (65%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 203, 194 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, 203, 194 by changing the saturation by 10% instead.

 123, 203, 194


255, 255, 255


 179, 255, 250


 208, 255, 255


 237, 255, 255

 123, 203, 194

 96, 175, 167

 68, 149, 140

 38, 122, 115

 0, 97, 91

 0, 73, 67

 0, 50, 45

 0, 31, 24

 0, 0, 0

 123, 203, 194

 123, 203, 194

103, 203, 192

143, 203, 196

82, 203, 189

164, 203, 199

62, 203, 187

184, 203, 201

42, 203, 185

204, 203, 203

22, 203, 183

225, 203, 205

1, 203, 180

245, 203, 208

0, 203, 180

255, 203, 210

255, 203, 212

255, 203, 215

Harmonies

Analogous

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



146, 201, 169



123, 203, 194



117, 202, 218

Triad

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



123, 203, 194



200, 181, 229



224, 181, 144

Complementary

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



123, 203, 194



203, 123, 132

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.



237, 174, 160



123, 203, 194



226, 174, 209

Square

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



123, 203, 194



167, 189, 238



239, 171, 184



201, 189, 140

Rectangle

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



123, 203, 194



126, 199, 230



239, 171, 184



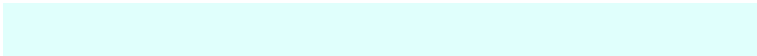
230, 178, 148

Sweetspot

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



123, 203, 194



224, 255, 252



132, 203, 123



110, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



123, 203, 194



135, 255, 242



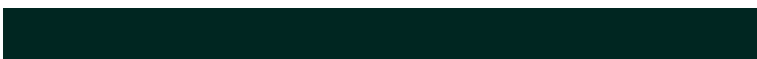
123, 172, 203



92, 102, 101



0, 166, 147



0, 38, 34

Inverse Universe

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



203, 123, 132



255, 135, 149



203, 154, 123



102, 92, 93



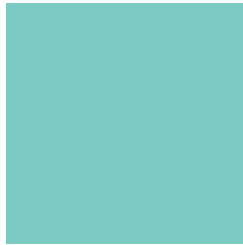
166, 0, 19



38, 0, 4

Previews

White Background



This preview shows how the RGB color 123, 203, 194 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, 203, 194 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, 203, 194 Background



This preview shows how black text looks on a background with the RGB color 123, 203, 194.

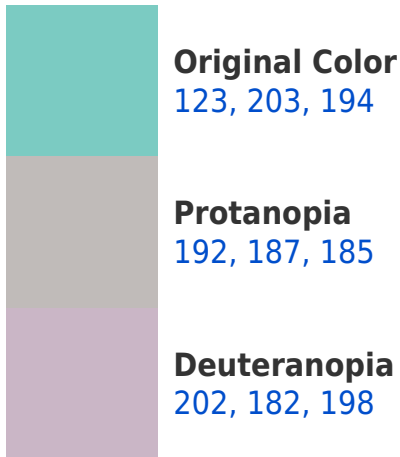


This preview shows how white text looks on a background with the RGB color 123, 203, 194.

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](#).

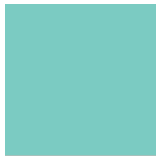
Dichromacy





Tritanopia
129, 200, 216

Trichromacy



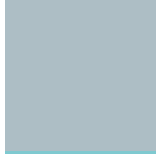
Original Color

123, 203, 194



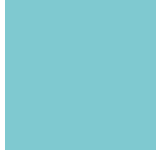
Protanomaly

167, 193, 188



Deuteranomaly

173, 190, 197



Tritanomaly

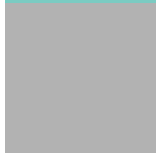
127, 201, 208

Monochromacy



Original Color

123, 203, 194



Achromatopsia

178, 178, 178



Achromatomaly

158, 187, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 203, 194 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, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(123, 203, 194)  
}
```

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, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 203, 194) }
```

Border

The CSS property to change the border of an element to RGB 123, 203, 194 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, 203, 194) }
```

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

```
.border{ border-color:rgb(123, 203, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 203, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(123, 203,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 123, 203, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 203, 194) }
```

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

```
.background{ background-color: rgb(123,  
203, 194) }
```

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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