

Converting Colors

RGB(123, 203, 172)

Have a look what the booklet for
RGB(123, 203, 172) contains.

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Color

RGB(123, 203, 172)

Conversions

Conversions Part 1

Format	Color
Hex	7BCBAC
RGB	123, 203, 172
RGB Percent	48%, 80%, 67%
CMY	0.5176, 0.2039, 0.3255
CMYK	0.39, 0.00, 0.15, 0.20
HSL	157°, 43%, 64%
HSV	157°, 39%, 80%
XYZ	36.9707, 49.9014, 46.7131
YIQ	175.5460, -37.7290, -26.6010

Conversions

Conversions Part 2

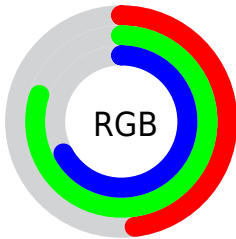
Format	Color
RYB	123, 173, 203
Decimal	8113068
CIELab	76.01, -31.60, 7.79
CIElCh	76, 32.550, 166.147
Yxy	49.9014, 0.2768, 0.3736
Android (android.graphics.Color)	4286303148 (0xFF7BCBAC)
YUV	175.5460, -1.7482, -46.0828
Hunter-Lab	70.6409, -30.2016, 10.2416

Details

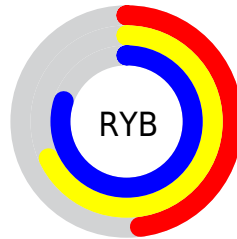
The RGB color **123, 203, 172** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **203, 123, 154**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **178, 255, 227**, and **69, 148, 120** is the 20% darker color. If you saturate the color by 10%, you get **103, 203, 164**, and if you desaturate by 10%, it is **143, 203, 180**.

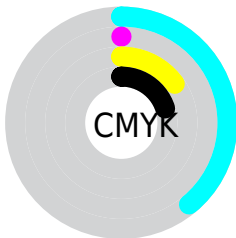
Distribution



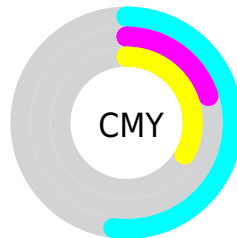
- Red (48%)
- Green (80%)
- Blue (67%)



- Red (48%)
- Yellow (68%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 203, 172 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, 172 by changing the saturation by 10% instead.

 123, 203, 172


255, 255, 255


 178, 255, 227

 207, 255, 255


 236, 255, 255

 123, 203, 172

 96, 175, 145


 69, 148, 120

 40, 122, 95

 1, 97, 71

 0, 73, 49

 0, 49, 28

 0, 29, 2

 0, 0, 0

 123, 203, 172

 123, 203, 172

 103, 203, 164

 143, 203, 180

 82, 203, 156

 164, 203, 188

 62, 203, 148

 184, 203, 196

 42, 203, 141

 204, 203, 203

 22, 203, 133

 225, 203, 211

 1, 203, 125

 245, 203, 219

 0, 203, 124

 255, 203, 227

 255, 203, 235

 255, 203, 243

Harmonies

Analogous

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



158, 198, 145



123, 203, 172



95, 204, 203

Triad

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



123, 203, 172



172, 185, 245



241, 171, 145

Complementary

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



123, 203, 172



203, 123, 154

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.



248, 165, 172



123, 203, 172



212, 174, 229

Square

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



123, 203, 172



127, 194, 245



238, 166, 203



221, 181, 129

Rectangle

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



123, 203, 172



90, 202, 222



238, 166, 203



245, 169, 153

Sweetspot

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



123, 203, 172



224, 255, 243



155, 203, 123



110, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



123, 203, 172



135, 255, 209



123, 195, 203



92, 102, 98



0, 166, 102



0, 38, 23

Inverse Universe

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



203, 123, 154



255, 135, 182



203, 131, 123



102, 92, 96



166, 0, 64



38, 0, 15

Previews

White Background



This preview shows how the RGB color 123, 203, 172 looks on a white background.

Color Contrast Check

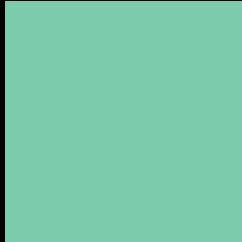
Large Text (above 18pt) WCAG AA × Fail

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, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

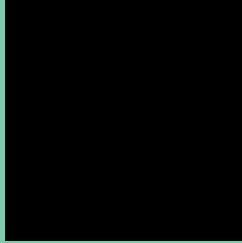
Any Text WCAG AA ✓ Pass

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, 172 Background



This preview shows how black text looks on a background with the RGB color 123, 203, 172.

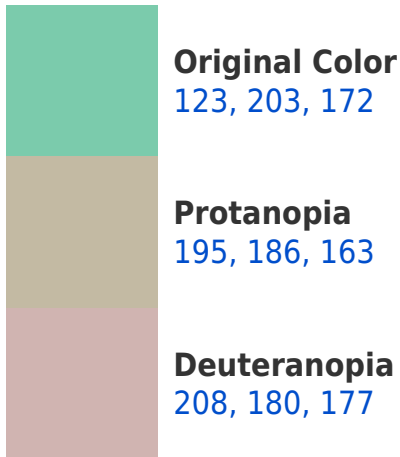


This preview shows how white text looks on a background with the RGB color 123, 203, 172.

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
133, 197, 213

Trichromacy



Original Color

123, 203, 172



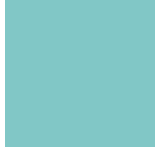
Protanomaly

169, 192, 166



Deuteranomaly

177, 188, 175



Tritanomaly

129, 199, 198

Monochromacy



Original Color

123, 203, 172



Achromatopsia

176, 176, 176



Achromatomaly

157, 186, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 203, 172 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(123, 203, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 203, 172) }
```

Border

The CSS property to change the border of an element to RGB 123, 203, 172 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, 172) }
```

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

```
.border{ border-color:rgb(123, 203, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 203, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 203, 172);  
box-shadow:4px 4px 4px 4px rgb(123, 203,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 123, 203, 172 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, 172) }
```

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

```
.background{ background-color: rgb(123,  
203, 172) }
```

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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