Converting Colors

RGB(123, 204, 177)

Have a look what the booklet for RGB(123, 204, 177) contains.

Color

RGB(123, 204, 177)

Conversions

Conversions Part 1

Format	Color
Hex	7BCCB1
RGB	123, 204, 177
RGB Percent	48%, 80%, 69%
CMY	0.5176, 0.2000, 0.3059
CMYK	0.40, 0.00, 0.13, 0.20
HSL	160°, 44%, 64%
HSV	160°, 40%, 80%
XYZ	37.6971, 50.5710, 49.3693
YIQ	176.7030, -39.6090, -25.5690

Conversions

Conversions Part 2

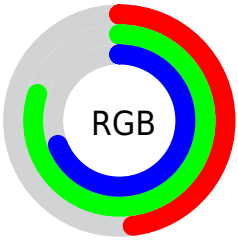
Format	Color
RYB	123, 172, 204
Decimal	8113329
CIELab	76.42, -30.99, 5.69
CIELCh	76, 31.513, 169.591
Yxy	50.5710, 0.2739, 0.3674
Android (android.graphics.Color)	4286303409 (0xFF7BCCB1)
YUV	176.7030, 0.1464, -47.0975
Hunter-Lab	71.1133, -29.8257, 8.6181

Details

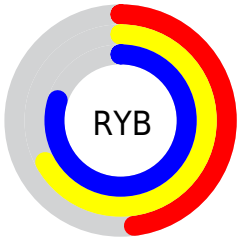
The RGB color 123, 204, 177 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 204, 123, 150, and the grayscale version is 177, 177, 177.

A 20% lighter version of the original color is 179, 255, 233, and 69, 149, 124 is the 20% darker color. If you saturate the color by 10%, you get 103, 204, 170, and if you desaturate by 10%, it is 143, 204, 184.

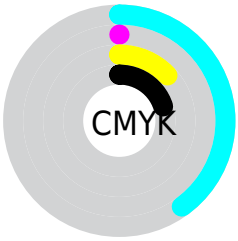
Distribution



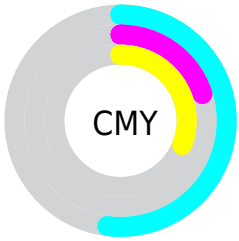
- Red (48%)
- Green (80%)
- Blue (69%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 204, 177 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, 204, 177 by changing the saturation by 10% instead.

123, 204, 177

255, 255, 255

179, 255, 233

207, 255, 255

236, 255, 255

123, 204, 177

96, 176, 150

69, 149, 124

40, 123, 100

0, 98, 76

0, 74, 53

0, 50, 32

0, 31, 8

0, 0, 0

123, 204, 177

123, 204, 177

103, 204, 170

82, 204, 163

62, 204, 157

41, 204, 150

21, 204, 143

1, 204, 136

0, 204, 136

143, 204, 184

164, 204, 191

184, 204, 197

205, 204, 204

225, 204, 211

245, 204, 218

255, 204, 225

255, 204, 231

255, 204, 238

Harmonies

Analogous

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

156, 200, 150

123, 204, 177

99, 205, 207

Triad

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

123, 204, 177

179, 185, 243

239, 174, 145

Complementary

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

123, 204, 177

204, 123, 150

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.

247, 168, 170

123, 204, 177

216, 175, 227

Square

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

123, 204, 177

136, 194, 245

240, 168, 200

218, 183, 132

Rectangle

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

123, 204, 177

97, 203, 225

240, 168, 200

243, 171, 153

Sweetspot

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

123, 204, 177

224, 255, 245

150, 204, 123

110, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

123, 204, 177

133, 255, 214

123, 191, 204

92, 102, 99

0, 166, 110

0, 38, 25

Inverse Universe

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

204, 123, 150

255, 133, 173

204, 137, 123

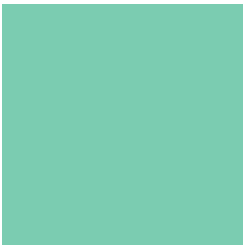
102, 92, 95

166, 0, 55

38, 0, 13

Previews

White Background

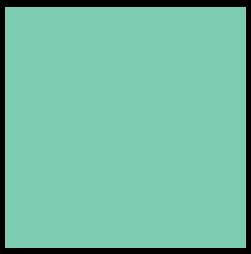


This preview shows how the RGB color 123, 204, 177 looks on a white background.

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



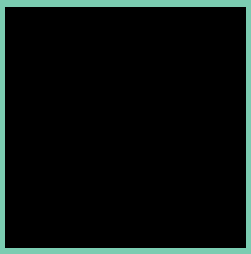
This preview shows how the RGB color 123, 204, 177 looks on a black background.

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, 204, 177 Background



This preview shows how black text looks on a background with the RGB color 123, 204, 177.

This preview shows how white text looks on a background with the RGB color 123, 204, 177.

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

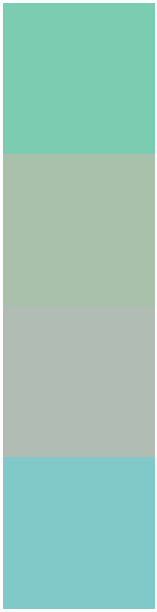
Original Color
123, 204, 177

Protanopia
195, 187, 168

Deuteranopia
208, 181, 182

Tritanopia
132, 199, 215

Trichromacy



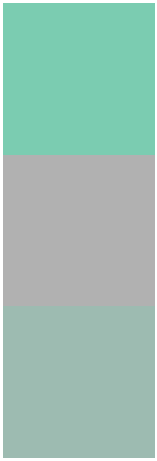
Original Color
123, 204, 177

Protanomaly
169, 193, 171

Deuteranomaly
177, 189, 180

Tritanomaly
129, 201, 201

Monochromacy



Original Color
123, 204, 177

Achromatopsia
177, 177, 177

Achromatomaly
157, 187, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 204, 177 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, 204, 177) looks like.

```
.text, #text, p{
    color:rgb(123, 204, 177)
}
```

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, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 204, 177) }
```

Border

The CSS property to change the border of an element to RGB 123, 204, 177 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, 204, 177) }
```

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

```
.border{ border-color:rgb(123, 204, 177) }
```

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

Here you see how a box with a 4 pixel rgb(123, 204, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 204, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 204, 177); box-shadow:4px 4px 4px 4px rgb(123, 204, 177) }
```

Background

The CSS property to change the background color of an element to RGB 123, 204, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(123, 204, 177) }
```

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

```
.background{ background-color:rgb(123,
204, 177) }
```

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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