

Converting Colors

RGB(122, 204, 196)

Have a look what the booklet for
RGB(122, 204, 196) contains.

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Color

RGB(122, 204, 196)

Conversions

Conversions Part 1

Format	Color
Hex	7ACCC4
RGB	122, 204, 196
RGB Percent	48%, 80%, 77%
CMY	0.5216, 0.2000, 0.2314
CMYK	0.40, 0.00, 0.04, 0.20
HSL	174°, 45%, 64%
HSV	174°, 40%, 80%
XYZ	39.5827, 51.3088, 60.0419
YIQ	178.5700, -46.3040, -19.8720

Conversions

Conversions Part 2

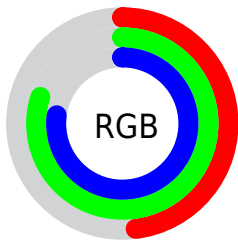
Format	Color
RYB	122, 165, 204
Decimal	8047812
CIELab	76.87, -26.90, -3.89
CIElCh	77, 27.177, 188.237
Yxy	51.3088, 0.2623, 0.3399
Android (android.graphics.Color)	4286237892 (0xFF7ACCC4)
YUV	178.5700, 8.5930, -49.6119
Hunter-Lab	71.6302, -26.7140, 0.4430

Details

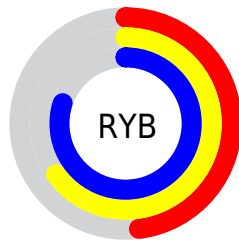
The RGB color **122, 204, 196** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **204, 122, 130**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **178, 255, 253**, and **66, 149, 142** is the 20% darker color. If you saturate the color by 10%, you get **102, 204, 194**, and if you desaturate by 10%, it is **142, 204, 198**.

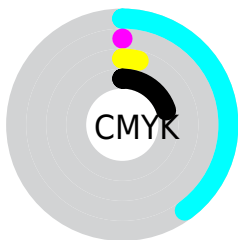
Distribution



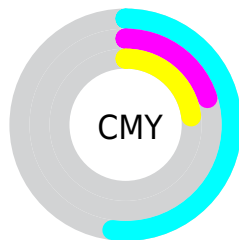
- Red (48%)
- Green (80%)
- Blue (77%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 204, 196 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 122, 204, 196 by changing the saturation by 10% instead.

 122, 204, 196


255, 255, 255

 178, 255, 253


 207, 255, 255

 236, 255, 255

 122, 204, 196

 94, 176, 169

 66, 149, 142

 36, 123, 117

 0, 98, 92

 0, 74, 69

 0, 51, 47

 0, 32, 26

 0, 0, 0

 122, 204, 196

 122, 204, 196

■ 102, 204, 194

■ 142, 204, 198

■ 81, 204, 192

■ 163, 204, 200

■ 61, 204, 190

■ 183, 204, 202

■ 40, 204, 188

■ 204, 204, 204

■ 20, 204, 186

■ 224, 204, 206

■ 0, 204, 184

■ 244, 204, 208

■ 255, 204, 210

■ 255, 204, 212

■ 255, 204, 214

Harmonies

Analogous

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



145, 202, 170



122, 204, 196



116, 202, 220

Triad

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



122, 204, 196



202, 181, 229



224, 182, 144

Complementary

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



122, 204, 196



204, 122, 130

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.



238, 175, 160



122, 204, 196



228, 174, 209

Square

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



122, 204, 196



169, 190, 239



240, 171, 184



201, 190, 140

Rectangle

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



122, 204, 196



127, 199, 232



240, 171, 184



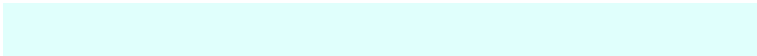
230, 179, 148

Sweetspot

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



122, 204, 196



224, 255, 252



130, 204, 122



110, 128, 126



0, 0, 0



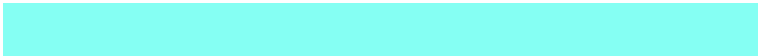
128, 128, 128

Same Dimension

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



122, 204, 196



133, 255, 243



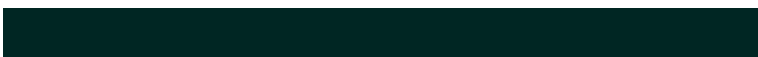
122, 171, 204



92, 102, 101



0, 166, 150



0, 38, 35

Inverse Universe

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



204, 122, 130



255, 133, 145



204, 155, 122



102, 92, 93



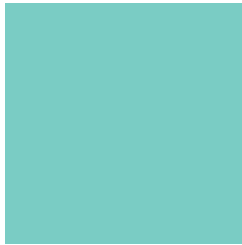
166, 0, 16



38, 0, 4

Previews

White Background



This preview shows how the RGB color 122, 204, 196 looks on a white background.

Color Contrast Check

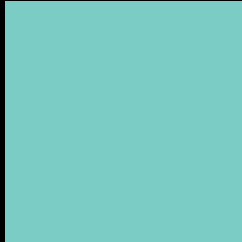
Large Text (above 18pt) WCAG AA × Fail

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 122, 204, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

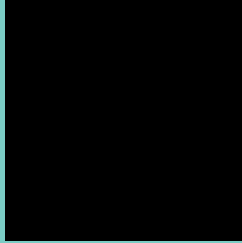
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

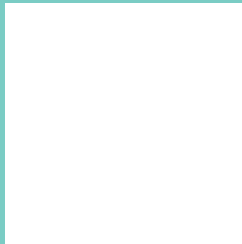
Any Text WCAG AAA ✓ Pass

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

RGB 122, 204, 196 Background



This preview shows how black text looks on a background with the RGB color 122, 204, 196.

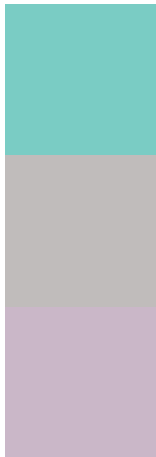


This preview shows how white text looks on a background with the RGB color 122, 204, 196.

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
122, 204, 196

Protanopia
192, 188, 187

Deuteranopia
202, 183, 200



Tritanopia
128, 201, 217

Trichromacy



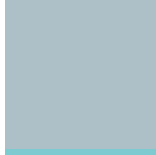
Original Color

122, 204, 196



Protanomaly

167, 194, 190



Deuteranomaly

173, 191, 199



Tritanomaly

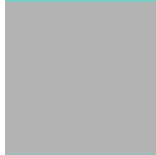
126, 202, 209

Monochromacy



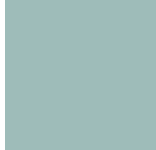
Original Color

122, 204, 196



Achromatopsia

179, 179, 179



Achromatomaly

158, 188, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 204, 196 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(122, 204, 196)` looks like.

```
.text, #text, p{  
    color:rgb(122, 204, 196)  
}
```

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(122, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 204, 196) }
```

Border

The CSS property to change the border of an element to RGB 122, 204, 196 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(122, 204, 196) }
```

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

```
.border{ border-color:rgb(122, 204, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 204, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 204, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 204, 196); box-shadow:4px 4px 4px 4px rgb(122, 204, 196) }
```

Background

The CSS property to change the background color of an element to RGB 122, 204, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 204, 196) }
```

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

```
.background{ background-color: rgb(122,  
204, 196) }
```

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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