

Converting Colors

RGB(130, 204, 190)

Have a look what the booklet for
RGB(130, 204, 190) contains.

RGB(130, 204, 190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(130, 204, 190)

Conversions

Conversions Part 1

Format	Color
Hex	82CCBE
RGB	130, 204, 190
RGB Percent	51%, 80%, 75%
CMY	0.4902, 0.2000, 0.2549
CMYK	0.36, 0.00, 0.07, 0.20
HSL	169°, 42%, 65%
HSV	169°, 36%, 80%
XYZ	40.0931, 51.6493, 56.5714
YIQ	180.2780, -39.6100, -20.0420

Conversions

Conversions Part 2

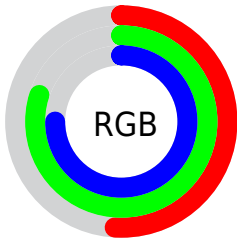
Format	Color
RYB	130, 171, 204
Decimal	8572094
CIELab	77.07, -26.18, -0.32
CIELCh	77, 26.184, 180.694
Yxy	51.6493, 0.2703, 0.3482
Android (android.graphics.Color)	4286762174 (0xFF82CCBE)
YUV	180.2780, 4.7929, -44.0938
Hunter-Lab	71.8674, -26.1873, 3.6363

Details

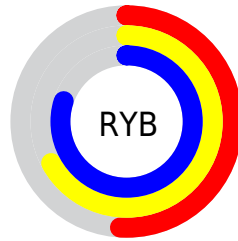
The RGB color **130, 204, 190** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **204, 130, 144**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **186, 255, 246**, and **76, 150, 137** is the 20% darker color. If you saturate the color by 10%, you get **110, 204, 186**, and if you desaturate by 10%, it is **150, 204, 194**.

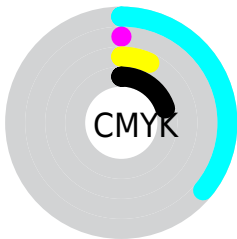
Distribution



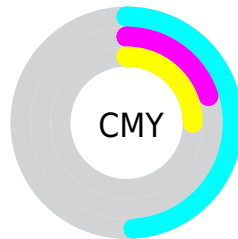
- Red (51%)
- Green (80%)
- Blue (75%)



- Red (51%)
- Yellow (67%)
- Blue (80%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 204, 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 130, 204, 190 by changing the saturation by 10% instead.

 130, 204, 190

255, 255, 255


 186, 255, 246


 214, 255, 255

 243, 255, 255

 130, 204, 190

 103, 176, 163

 76, 150, 137

 49, 123, 111

 16, 98, 87

 0, 74, 64

 0, 51, 42

 0, 31, 21

 0, 0, 0

 130, 204, 190

 130, 204, 190

■ 110, 204, 186

■ 150, 204, 194

■ 89, 204, 182

■ 171, 204, 198

■ 69, 204, 178

■ 191, 204, 202

■ 48, 204, 175

■ 212, 204, 205

■ 28, 204, 171

■ 232, 204, 209

■ 8, 204, 167

■ 252, 204, 213

■ 0, 204, 165

■ 255, 204, 217

■ 255, 204, 221

■ 255, 204, 225

Harmonies

Analogous

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



154, 202, 166



130, 204, 190



120, 203, 214

Triad

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



130, 204, 190



195, 184, 232



228, 181, 149

Complementary

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



130, 204, 190



204, 130, 144

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.



239, 175, 167



130, 204, 190



222, 176, 214

Square

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



130, 204, 190



162, 192, 238



237, 173, 191



208, 189, 142

Rectangle

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



130, 204, 190



126, 201, 227



237, 173, 191



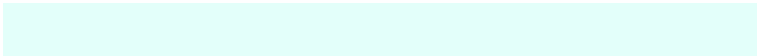
233, 178, 154

Sweetspot

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



130, 204, 190



227, 255, 250



145, 204, 130



111, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



130, 204, 190



143, 255, 234



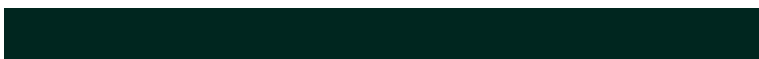
130, 182, 204



92, 102, 100



0, 166, 134



0, 38, 31

Inverse Universe

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



204, 130, 144



255, 143, 164



204, 152, 130



102, 92, 94



166, 0, 31



38, 0, 7

Previews

White Background



This preview shows how the RGB color 130, 204, 190 looks on a white background.

Color Contrast Check

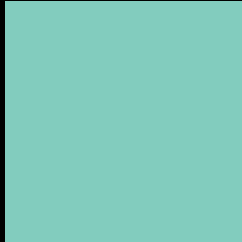
Large Text (above 18pt) WCAG AA × Fail

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 130, 204, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

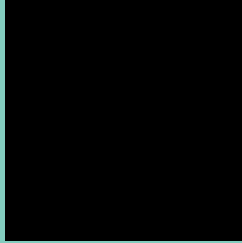
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

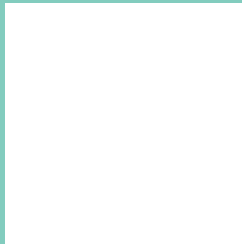
Any Text WCAG AAA ✓ Pass

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

RGB 130, 204, 190 Background



This preview shows how black text looks on a background with the RGB color 130, 204, 190.

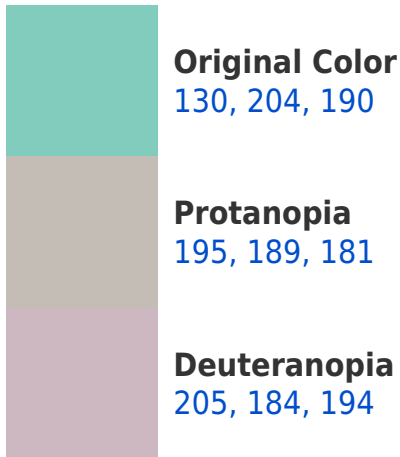


This preview shows how white text looks on a background with the RGB color 130, 204, 190.

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
136, 200, 216

Trichromacy



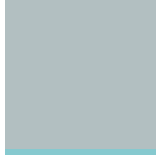
Original Color

130, 204, 190



Protanomaly

171, 194, 184



Deuteranomaly

178, 191, 193



Tritanomaly

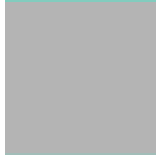
134, 201, 207

Monochromacy



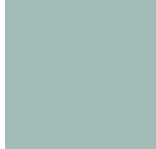
Original Color

130, 204, 190



Achromatopsia

180, 180, 180



Achromatomaly

162, 189, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 204, 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(130, 204, 190)` looks like.

```
.text, #text, p{  
    color:rgb(130, 204, 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(130, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 204, 190) }
```

Border

The CSS property to change the border of an element to RGB 130, 204, 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(130, 204, 190) }
```

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

```
.border{ border-color:rgb(130, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(130, 204,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 130, 204, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 204, 190) }
```

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

```
.background{ background-color: rgb(130,  
204, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor