

Converting Colors

RGB(128, 204, 204)

Have a look what the booklet for
RGB(128, 204, 204) contains.

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Color

RGB(128, 204, 204)

Conversions

Conversions Part 1

Format	Color
Hex	80CCCC
RGB	128, 204, 204
RGB Percent	50%, 80%, 80%
CMY	0.4980, 0.2000, 0.2000
CMYK	0.37, 0.00, 0.00, 0.20
HSL	180°, 43%, 65%
HSV	180°, 37%, 80%
XYZ	41.3940, 52.1346, 65.0080
YIQ	181.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

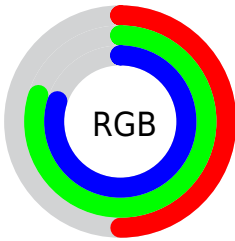
Format	Color
RYB	128, 166, 204
Decimal	8441036
CIELab	77.36, -23.42, -7.44
CIELCh	77, 24.575, 197.626
Yxy	52.1346, 0.2611, 0.3288
Android (android.graphics.Color)	4286631116 (0xFF80CCCC)
YUV	181.2760, 11.2029, -46.7231
Hunter-Lab	72.2043, -24.0251, -2.8379

Details

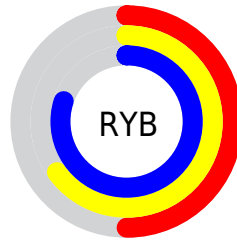
The RGB color **128, 204, 204** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **204, 128, 128**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **184, 255, 255**, and **73, 150, 150** is the 20% darker color. If you saturate the color by 10%, you get **108, 204, 204**, and if you desaturate by 10%, it is **148, 204, 204**.

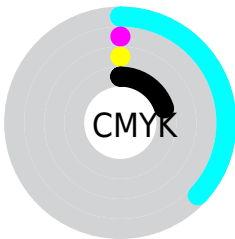
Distribution



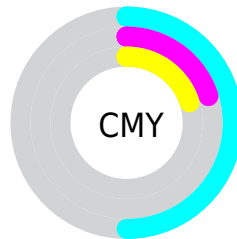
- Red (50%)
- Green (80%)
- Blue (80%)



- Red (50%)
- Yellow (65%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 128, 204, 204 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 128, 204, 204 by changing the saturation by 10% instead.


 128, 204, 204

 128, 204, 204


255, 255, 255

 101, 176, 177

 184, 255, 255

 73, 150, 150

 213, 255, 255

 44, 124, 124

 242, 255, 255

 3, 98, 99

 0, 74, 75

 0, 51, 53

 0, 31, 32

 0, 0, 7

 0, 0, 0

 128, 204, 204

 128, 204, 204

 108, 204, 204

 148, 204, 204

 87, 204, 204

 169, 204, 204

 67, 204, 204

 189, 204, 204

 46, 204, 204

 210, 204, 204

 26, 204, 204

 230, 204, 204

 6, 204, 204

 250, 204, 204

 0, 204, 204

 255, 204, 204

Harmonies

Analogous

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



144, 203, 181



128, 204, 204



130, 201, 224

Triad

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



128, 204, 204



211, 181, 222



217, 186, 147

Complementary

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



128, 204, 204



204, 128, 128

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.



233, 179, 158



128, 204, 204



231, 176, 201

Square

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



128, 204, 204



182, 189, 234



238, 175, 178



194, 194, 148

Rectangle

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



128, 204, 204



143, 198, 233



238, 175, 178



223, 184, 150

Sweetspot

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



128, 204, 204



227, 255, 255



128, 204, 128



111, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



128, 204, 204



140, 255, 255



128, 166, 204



92, 102, 102



0, 166, 166



0, 38, 38

Inverse Universe

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



204, 128, 204



255, 140, 255



204, 166, 128



102, 92, 102



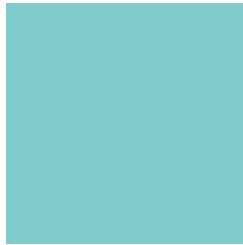
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 128, 204, 204 looks on a white background.

Color Contrast Check

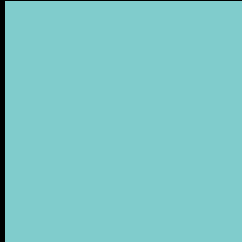
Large Text (above 18pt) WCAG AA × Fail

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 128, 204, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

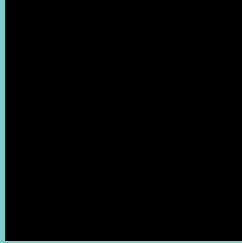
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

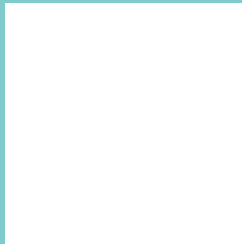
Any Text WCAG AAA ✓ Pass

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

RGB 128, 204, 204 Background



This preview shows how black text looks on a background with the RGB color 128, 204, 204.

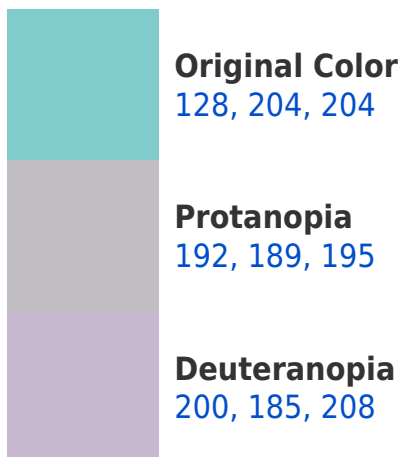


This preview shows how white text looks on a background with the RGB color 128, 204, 204.

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](#).

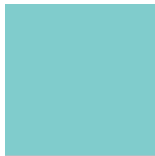
Dichromacy





Tritanopia
132, 202, 218

Trichromacy



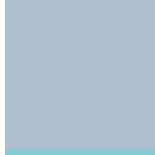
Original Color

128, 204, 204



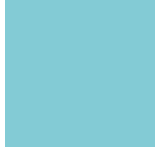
Protanomaly

169, 194, 198



Deuteranomaly

174, 192, 207



Tritanomaly

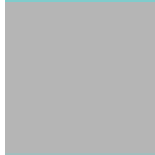
131, 203, 213

Monochromacy



Original Color

128, 204, 204



Achromatopsia

181, 181, 181



Achromatomaly

162, 189, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 204, 204 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(128, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(128, 204, 204)  
}
```

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(128, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 204, 204) }
```

Border

The CSS property to change the border of an element to RGB 128, 204, 204 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(128, 204, 204) }
```

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

```
.border{ border-color:rgb(128, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(128, 204,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 128, 204, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 204, 204) }
```

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

```
.background{ background-color: rgb(128,  
204, 204) }
```

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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