

Converting Colors

RGB(119, 210, 210)

Have a look what the booklet for
RGB(119, 210, 210) contains.

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Color

RGB(119, 210, 210)

Conversions

Conversions Part 1

Format	Color
Hex	77D2D2
RGB	119, 210, 210
RGB Percent	47%, 82%, 82%
CMY	0.5333, 0.1765, 0.1765
CMYK	0.43, 0.00, 0.00, 0.18
HSL	180°, 50%, 65%
HSV	180°, 43%, 82%
XYZ	42.2872, 54.6683, 69.2960
YIQ	182.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

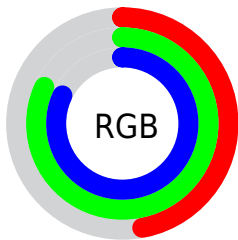
Format	Color
R _{YB}	119, 165, 210
Decimal	7852754
CIE _{Lab}	78.85, -27.13, -8.50
CIE _{LCh}	79, 28.431, 197.394
Y _{xy}	54.6683, 0.2544, 0.3288
Android (android.graphics.Color)	4286042834 (0xFF77D2D2)
YUV	182.7910, 13.4140, -55.9447
Hunter-Lab	73.9380, -27.3024, -3.8111

Details

The RGB color **119, 210, 210** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **210, 119, 119**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **176, 255, 255**, and **61, 155, 156** is the 20% darker color. If you saturate the color by 10%, you get **98, 210, 210**, and if you desaturate by 10%, it is **140, 210, 210**.

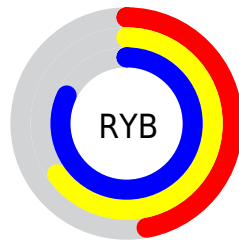
Distribution



Red (47%)

Green (82%)

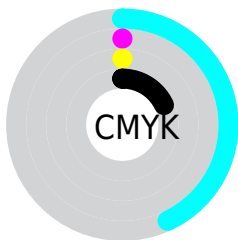
Blue (82%)



Red (47%)

Yellow (65%)

Blue (82%)

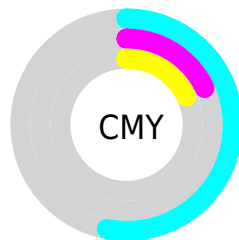


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RGB color 119, 210, 210 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 119, 210, 210 by changing the saturation by 10% instead.


 119, 210, 210

 119, 210, 210


255, 255, 255

 90, 182, 182

 176, 255, 255

 61, 155, 156

 205, 255, 255

 24, 129, 130

 235, 255, 255

 0, 103, 104

 0, 79, 80

 0, 56, 58

 0, 35, 36

 0, 1, 15

 0, 0, 0

 119, 210, 210

 119, 210, 210

 98, 210, 210

 140, 210, 210

 77, 210, 210

 161, 210, 210

 56, 210, 210

 182, 210, 210

 35, 210, 210

 203, 210, 210

 14, 210, 210

 224, 210, 210

 0, 210, 210

 245, 210, 210

 255, 210, 210

Harmonies

Analogous

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



139, 209, 183



119, 210, 210



121, 207, 233

Triad

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



119, 210, 210



218, 183, 231



225, 190, 144

Complementary

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



119, 210, 210



210, 119, 119

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.



243, 181, 157



119, 210, 210



241, 177, 207

Square

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



119, 210, 210



184, 192, 245



249, 176, 181



199, 198, 144

Rectangle

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



119, 210, 210



136, 203, 243



249, 176, 181



232, 187, 147

Sweetspot

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



119, 210, 210



222, 255, 255



119, 210, 119



107, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



119, 210, 210



122, 255, 255



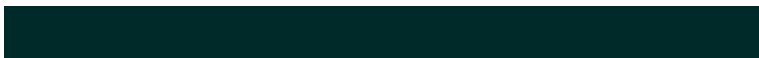
119, 164, 210



94, 105, 105



0, 168, 168



0, 41, 41

Inverse Universe

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



210, 119, 210



255, 122, 255



210, 164, 119



105, 94, 105



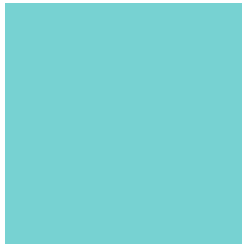
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RGB color 119, 210, 210 looks on a white background.

Color Contrast Check

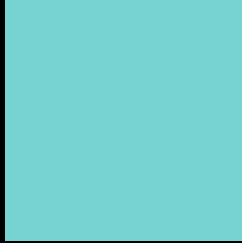
Large Text (above 18pt) WCAG AA × Fail

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 119, 210, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

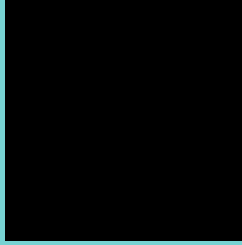
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

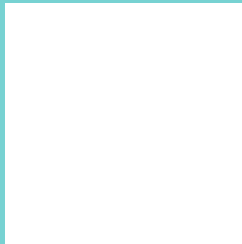
Any Text WCAG AAA ✓ Pass

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

RGB 119, 210, 210 Background



This preview shows how black text looks on a background with the RGB color 119, 210, 210.

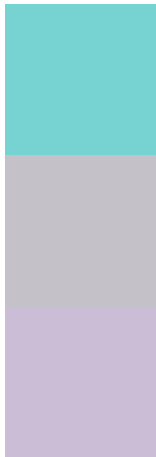


This preview shows how white text looks on a background with the RGB color 119, 210, 210.

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
119, 210, 210

Protanopia
196, 193, 200

Deuteranopia
204, 189, 215



Tritanopia
123, 208, 225

Trichromacy



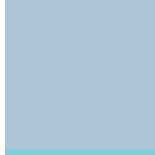
Original Color

119, 210, 210



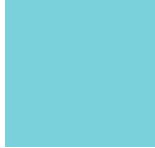
Protanomaly

168, 199, 204



Deuteranomaly

173, 197, 213



Tritanomaly

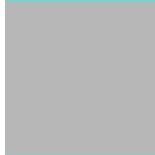
122, 209, 220

Monochromacy



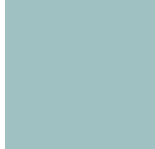
Original Color

119, 210, 210



Achromatopsia

183, 183, 183



Achromatomaly

160, 193, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 210, 210 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(119, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(119, 210, 210)  
}
```

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(119, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 210, 210) }
```

Border

The CSS property to change the border of an element to RGB 119, 210, 210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

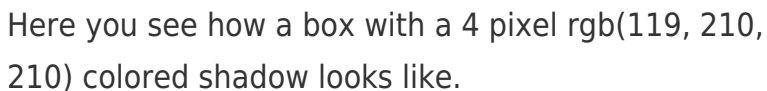
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 210, 210) }
```

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

```
.border{ border-color:rgb(119, 210, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 210, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 210, 210); box-shadow:4px 4px 4px 4px rgb(119, 210, 210) }
```

Background

The CSS property to change the background color of an element to RGB 119, 210, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 210, 210) }
```

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

```
.background{ background-color: rgb(119,  
210, 210) }
```

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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