

Converting Colors

RGB(120, 200, 210)

Have a look what the booklet for
RGB(120, 200, 210) contains.

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Color

RGB(120, 200, 210)

Conversions

Conversions Part 1

Format	Color
Hex	78C8D2
RGB	120, 200, 210
RGB Percent	47%, 78%, 82%
CMY	0.5294, 0.2157, 0.1765
CMYK	0.43, 0.05, 0.00, 0.18
HSL	187°, 50%, 65%
HSV	187°, 43%, 82%
XYZ	40.0329, 49.9548, 68.5050
YIQ	177.2200, -50.8900, -13.8500

Conversions

Conversions Part 2

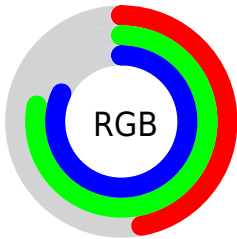
Format	Color
RYB	120, 162, 210
Decimal	7915730
CIELab	76.04, -21.93, -12.68
CIELCh	76, 25.337, 210.041
Yxy	49.9548, 0.2526, 0.3152
Android (android.graphics.Color)	4286105810 (0xFF78C8D2)
YUV	177.2200, 16.1605, -50.1819
Hunter-Lab	70.6787, -22.5841, -7.9915

Details

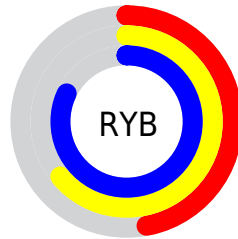
The RGB color **120, 200, 210** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **210, 130, 120**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **177, 255, 255**, and **63, 146, 156** is the 20% darker color. If you saturate the color by 10%, you get **99, 198, 210**, and if you desaturate by 10%, it is **141, 202, 210**.

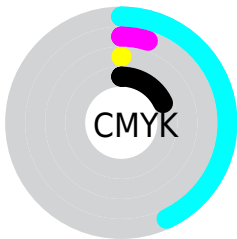
Distribution



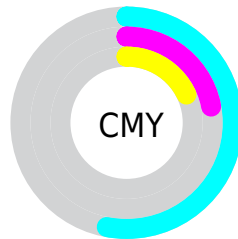
- Red (47%)
- Green (78%)
- Blue (82%)



- Red (47%)
- Yellow (64%)
- Blue (82%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 200, 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 120, 200, 210 by changing the saturation by 10% instead.

 120, 200, 210


255, 255, 255


 177, 255, 255


 205, 255, 255

 235, 255, 255

 120, 200, 210

 92, 173, 182

 63, 146, 156

 30, 120, 130

 0, 95, 104

 0, 71, 80

 0, 48, 57

 0, 29, 36

 0, 1, 14

 0, 0, 0

■ 120, 200, 210

■ 120, 200, 210

■ 99, 198, 210

■ 141, 202, 210

■ 78, 195, 210

■ 162, 205, 210

■ 57, 193, 210

■ 183, 207, 210

■ 36, 191, 210

■ 204, 209, 210

■ 15, 188, 210

■ 225, 212, 210

■ 0, 187, 210

■ 246, 214, 210

■ 255, 216, 210

■ 255, 219, 210

■ 255, 221, 210

Harmonies

Analogous

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



130, 201, 187



120, 200, 210



131, 196, 227

Triad

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



120, 200, 210



218, 174, 211



205, 186, 141

Complementary

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



120, 200, 210



210, 130, 120

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.



225, 178, 148



120, 200, 210



233, 171, 188

Square

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



120, 200, 210



191, 181, 228



235, 172, 165



180, 193, 147

Rectangle

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



120, 200, 210



149, 192, 233



235, 172, 165



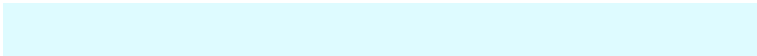
212, 183, 142

Sweetspot

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



120, 200, 210



222, 251, 255



120, 210, 129



107, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



120, 200, 210



125, 241, 255



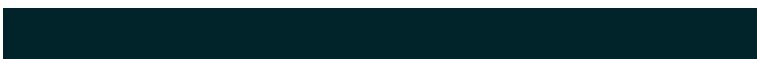
120, 156, 210



94, 103, 105



0, 150, 168



0, 36, 41

Inverse Universe

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



210, 120, 200



255, 125, 241



210, 174, 120



105, 94, 103



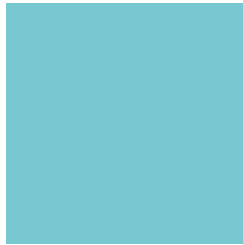
168, 0, 150



41, 0, 36

Previews

White Background



This preview shows how the RGB color 120, 200, 210 looks on a white background.

Color Contrast Check

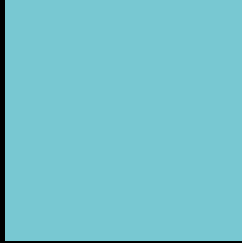
Large Text (above 18pt) WCAG AA × Fail

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 120, 200, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

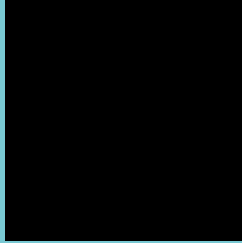
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

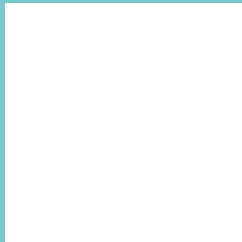
Any Text WCAG AAA ✓ Pass

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

RGB 120, 200, 210 Background



This preview shows how black text looks on a background with the RGB color 120, 200, 210.

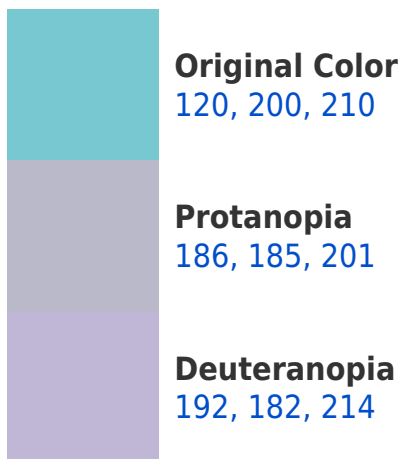


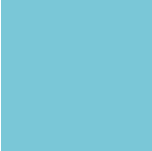
This preview shows how white text looks on a background with the RGB color 120, 200, 210.

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





Tritanopia
122, 199, 215

Trichromacy



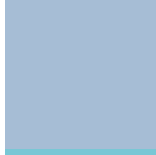
Original Color

120, 200, 210



Protanomaly

162, 190, 204



Deuteranomaly

166, 189, 213



Tritanomaly

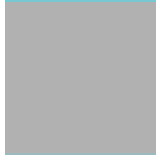
121, 199, 213

Monochromacy



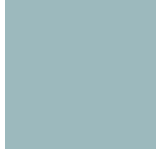
Original Color

120, 200, 210



Achromatopsia

177, 177, 177



Achromatomaly

156, 185, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 200, 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(120, 200, 210)` looks like.

```
.text, #text, p{  
    color:rgb(120, 200, 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(120, 200, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 200, 210) }
```

Border

The CSS property to change the border of an element to RGB 120, 200, 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(120, 200, 210) }
```

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

```
.border{ border-color:rgb(120, 200, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 200, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 200, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 200, 210);  
box-shadow:4px 4px 4px 4px rgb(120, 200,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 120, 200, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 200, 210) }
```

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

```
.background{ background-color: rgb(120,  
200, 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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