

Converting Colors

RGB(108, 202, 202)

Have a look what the booklet for
RGB(108, 202, 202) contains.

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Color

RGB(108, 202, 202)

Conversions

Conversions Part 1

Format	Color
Hex	6CCACA
RGB	108, 202, 202
RGB Percent	42%, 79%, 79%
CMY	0.5765, 0.2078, 0.2078
CMYK	0.47, 0.00, 0.00, 0.21
HSL	180°, 47%, 61%
HSV	180°, 47%, 79%
XYZ	37.9655, 49.6935, 63.4679
YIQ	173.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

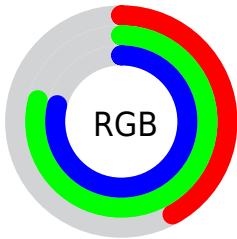
Format	Color
RYB	108, 155, 202
Decimal	7129802
CIELab	75.88, -27.81, -8.65
CIELCh	76, 29.122, 197.286
Yxy	49.6935, 0.2512, 0.3288
Android (android.graphics.Color)	4285319882 (0xFF6CCACA)
YUV	173.8940, 13.8563, -57.7890
Hunter-Lab	70.4936, -27.2295, -4.0354

Details

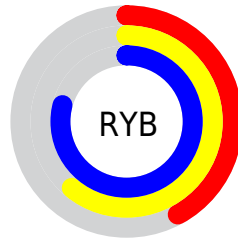
The RGB color **108, 202, 202** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **202, 108, 108**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **165, 255, 255**, and **47, 148, 148** is the 20% darker color. If you saturate the color by 10%, you get **88, 202, 202**, and if you desaturate by 10%, it is **128, 202, 202**.

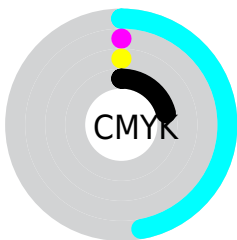
Distribution



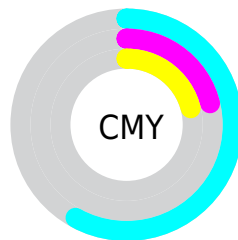
- Red (42%)
- Green (79%)
- Blue (79%)



- Red (42%)
- Yellow (61%)
- Blue (79%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (58%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 108, 202, 202 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 108, 202, 202 by changing the saturation by 10% instead.


 108, 202, 202

 108, 202, 202

255, 255, 255

 79, 174, 175

 165, 255, 255

 47, 148, 148

 194, 255, 255

 0, 122, 122

 224, 255, 255

 0, 96, 97

253, 255, 255

 0, 72, 74

 0, 49, 51

 0, 30, 30

 0, 0, 4

 0, 0, 0

 108, 202, 202

 108, 202, 202

 88, 202, 202

 128, 202, 202

 68, 202, 202

 148, 202, 202

 47, 202, 202

 169, 202, 202

 27, 202, 202

 189, 202, 202

 7, 202, 202

 209, 202, 202

 0, 202, 202

 229, 202, 202

 249, 202, 202

 255, 202, 202

Harmonies

Analogous

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



130, 201, 174



108, 202, 202



109, 199, 226

Triad

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



108, 202, 202



210, 175, 224



217, 181, 135

Complementary

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



108, 202, 202



202, 108, 108

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.



235, 173, 149



108, 202, 202



233, 168, 200

Square

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



108, 202, 202



175, 184, 238



242, 168, 172



190, 190, 135

Rectangle

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



108, 202, 202



126, 195, 236



242, 168, 172



224, 178, 138

Sweetspot

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



108, 202, 202



219, 255, 255



108, 202, 108



106, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 202, 202



112, 255, 255



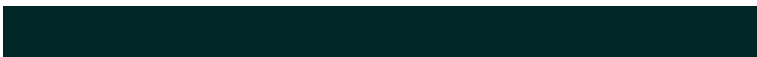
108, 155, 202



92, 102, 102



0, 166, 166



0, 38, 38

Inverse Universe

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



202, 108, 202



255, 112, 255



202, 155, 108



102, 92, 102



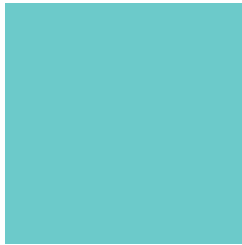
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 108, 202, 202 looks on a white background.

Color Contrast Check

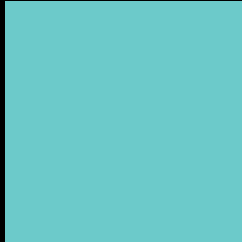
Large Text (above 18pt) WCAG AA × Fail

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 108, 202, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

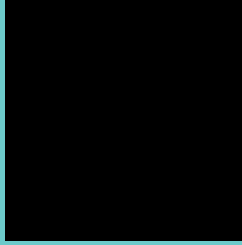
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

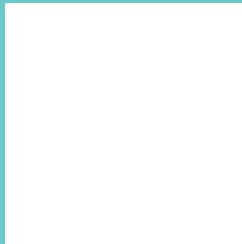
Any Text WCAG AAA ✓ Pass

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

RGB 108, 202, 202 Background



This preview shows how black text looks on a background with the RGB color 108, 202, 202.

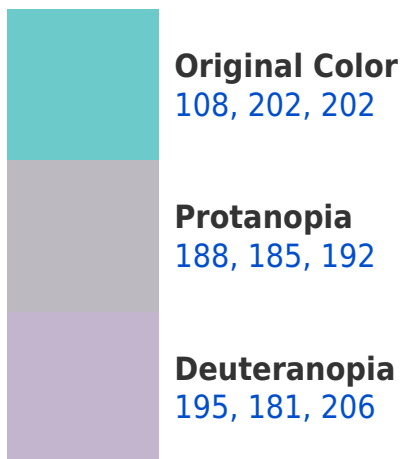


This preview shows how white text looks on a background with the RGB color 108, 202, 202.

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
112, 200, 216

Trichromacy



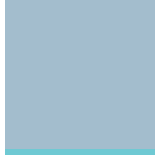
Original Color

108, 202, 202



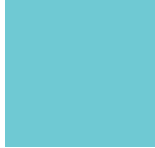
Protanomaly

159, 191, 196



Deuteranomaly

163, 189, 205



Tritanomaly

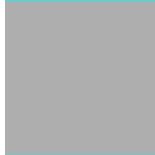
111, 201, 211

Monochromacy



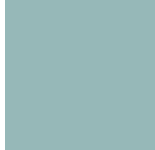
Original Color

108, 202, 202



Achromatopsia

174, 174, 174



Achromatomaly

150, 184, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 202, 202 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(108, 202, 202)` looks like.

```
.text, #text, p{  
    color:rgb(108, 202, 202)  
}
```

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(108, 202, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 202, 202) }
```

Border

The CSS property to change the border of an element to RGB 108, 202, 202 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(108, 202, 202) }
```

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

```
.border{ border-color:rgb(108, 202, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 202, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 202, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 202, 202);  
box-shadow:4px 4px 4px 4px rgb(108, 202,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 108, 202, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 202, 202) }
```

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

```
.background{ background-color: rgb(108,  
202, 202) }
```

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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