

Converting Colors

RGB(108, 210, 200)

Have a look what the booklet for
RGB(108, 210, 200) contains.

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Color

RGB(108, 210, 200)

Conversions

Conversions Part 1

Format	Color
Hex	6CD2C8
RGB	108, 210, 200
RGB Percent	42%, 82%, 78%
CMY	0.5765, 0.1765, 0.2157
CMYK	0.49, 0.00, 0.05, 0.18
HSL	174°, 53%, 62%
HSV	174°, 49%, 82%
XYZ	39.6563, 53.4515, 62.8706
YIQ	178.3620, -57.5820, -24.7340

Conversions

Conversions Part 2

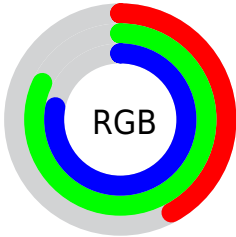
Format	Color
RYB	108, 162, 210
Decimal	7131848
CIELab	78.14, -32.16, -4.23
CIELCh	78, 32.438, 187.495
Yxy	53.4515, 0.2542, 0.3427
Android (android.graphics.Color)	4285321928 (0xFF6CD2C8)
YUV	178.3620, 10.6675, -61.7075
Hunter-Lab	73.1105, -31.1222, 0.1915

Details

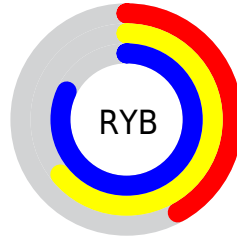
The RGB color **108, 210, 200** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **210, 108, 118**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **166, 255, 255**, and **46, 155, 146** is the 20% darker color. If you saturate the color by 10%, you get **87, 210, 198**, and if you desaturate by 10%, it is **129, 210, 202**.

Distribution



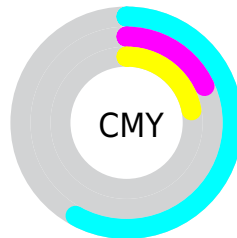
- Red (42%)
- Green (82%)
- Blue (78%)



- Red (42%)
- Yellow (64%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)

















- Cyan (58%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 210, 200 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, 210, 200 by changing the saturation by 10% instead.

 108, 210, 200	 108, 210, 200
255, 255, 255	 78, 182, 173
 166, 255, 255	 46, 155, 146
 195, 255, 255	 0, 129, 120
 224, 255, 255	 0, 103, 96
254, 255, 255	 0, 78, 72
	 0, 55, 50
	 0, 35, 29
	 0, 0, 2
	 0, 0, 0

■ 108, 210, 200

■ 108, 210, 200

■ 87, 210, 198

■ 129, 210, 202

■ 66, 210, 196

■ 150, 210, 204

■ 45, 210, 194

■ 171, 210, 206

■ 24, 210, 192

■ 192, 210, 208

■ 3, 210, 190

■ 213, 210, 210

■ 0, 210, 189

■ 234, 210, 212

■ 255, 210, 214

■ 255, 210, 216

■ 255, 210, 219

Harmonies

Analogous

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



139, 208, 169



108, 210, 200



98, 208, 229

Triad

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



108, 210, 200



207, 183, 241



234, 184, 138

Complementary

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



108, 210, 200



210, 108, 118

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.



251, 175, 158



108, 210, 200



238, 174, 217

Square

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



108, 210, 200



165, 194, 253



253, 171, 187



207, 194, 133

Rectangle

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



108, 210, 200



111, 205, 243



253, 171, 187



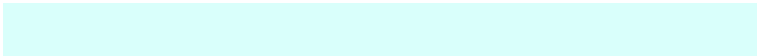
241, 180, 143

Sweetspot

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



108, 210, 200



217, 255, 251



118, 210, 108



105, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



108, 210, 200



107, 255, 241



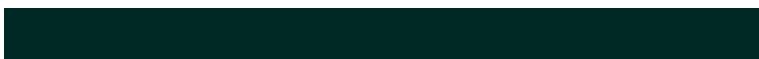
108, 169, 210



94, 105, 104



0, 168, 152



0, 41, 37

Inverse Universe

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



210, 108, 118



255, 107, 122



210, 149, 108



105, 94, 95



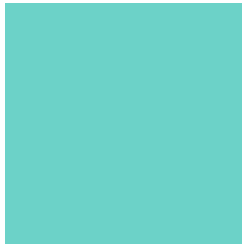
168, 0, 16



41, 0, 4

Previews

White Background



This preview shows how the RGB color 108, 210, 200 looks on a white background.

Color Contrast Check

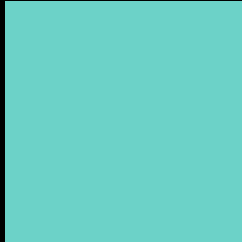
Large Text (above 18pt) WCAG AA × Fail

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, 210, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

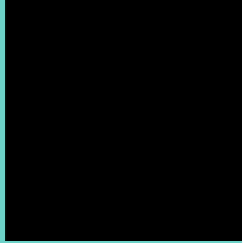
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

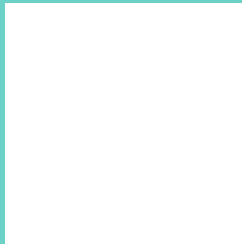
Any Text WCAG AAA ✓ Pass

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

RGB 108, 210, 200 Background



This preview shows how black text looks on a background with the RGB color 108, 210, 200.

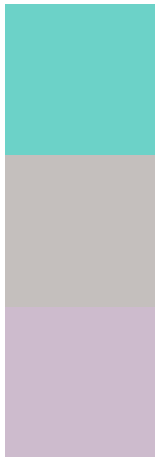


This preview shows how white text looks on a background with the RGB color 108, 210, 200.

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
108, 210, 200

Protanopia
196, 191, 189

Deuteranopia
205, 187, 205



Tritanopia
115, 207, 223

Trichromacy



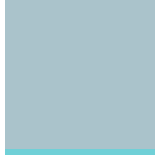
Original Color

108, 210, 200



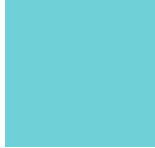
Protanomaly

164, 198, 193



Deuteranomaly

170, 195, 203



Tritanomaly

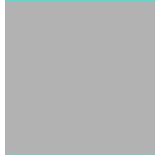
112, 208, 215

Monochromacy



Original Color

108, 210, 200



Achromatopsia

178, 178, 178



Achromatomaly

153, 190, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 210, 200 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, 210, 200)` looks like.

```
.text, #text, p{  
    color:rgb(108, 210, 200)  
}
```

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, 210, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 210, 200) }
```

Border

The CSS property to change the border of an element to RGB 108, 210, 200 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, 210, 200) }
```

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

```
.border{ border-color:rgb(108, 210, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 210, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 210, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 210, 200);  
box-shadow:4px 4px 4px 4px rgb(108, 210,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 108, 210, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 210, 200) }
```

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

```
.background{ background-color: rgb(108,  
210, 200) }
```

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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