

Converting Colors

RGB(108, 214, 200)

Have a look what the booklet for
RGB(108, 214, 200) contains.

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Color

RGB(108, 214, 200)

Conversions

Conversions Part 1

Format	Color
Hex	6CD6C8
RGB	108, 214, 200
RGB Percent	42%, 84%, 78%
CMY	0.5765, 0.1608, 0.2157
CMYK	0.50, 0.00, 0.07, 0.16
HSL	172°, 56%, 63%
HSV	172°, 50%, 84%
XYZ	40.6562, 55.4514, 63.2040
YIQ	180.7100, -58.6820, -26.8260

Conversions

Conversions Part 2

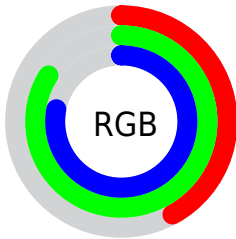
Format	Color
RYB	108, 165, 214
Decimal	7132872
CIELab	79.30, -34.05, -2.53
CIELCh	79, 34.140, 184.242
Yxy	55.4514, 0.2552, 0.3481
Android (android.graphics.Color)	4285322952 (0xFF6CD6C8)
YUV	180.7100, 9.5100, -63.7667
Hunter-Lab	74.4657, -32.8589, 1.8027

Details

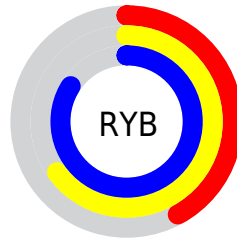
The RGB color **108, 214, 200** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **214, 108, 122**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **166, 255, 255**, and **45, 159, 146** is the 20% darker color. If you saturate the color by 10%, you get **87, 214, 197**, and if you desaturate by 10%, it is **129, 214, 203**.

Distribution



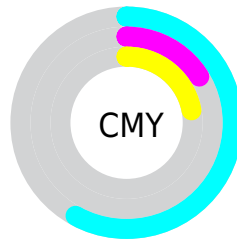
- Red (42%)
- Green (84%)
- Blue (78%)



- Red (42%)
- Yellow (65%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)

















- Cyan (58%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 214, 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, 214, 200 by changing the saturation by 10% instead.

 108, 214, 200	 108, 214, 200
255, 255, 255	 78, 186, 173
 166, 255, 255	 45, 159, 146
 195, 255, 255	 0, 132, 120
 225, 255, 255	 0, 107, 96
255, 255, 255	 0, 82, 72
	 0, 58, 50
	 0, 37, 29
	 0, 0, 3
	 0, 0, 0

108, 214, 200

108, 214, 200

87, 214, 197

129, 214, 203

65, 214, 194

151, 214, 206

44, 214, 192

172, 214, 208

22, 214, 189

194, 214, 211

1, 214, 186

215, 214, 214

0, 214, 186

236, 214, 217

255, 214, 220

255, 214, 223

255, 214, 225

Harmonies

Analogous

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



143, 211, 168



108, 214, 200



92, 213, 231

Triad

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



108, 214, 200



207, 187, 249



242, 185, 140

Complementary

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



108, 214, 200



214, 108, 122

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.



255, 176, 162



108, 214, 200



241, 177, 225

Square

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



108, 214, 200



161, 198, 255



255, 173, 193



214, 196, 133

Rectangle

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



108, 214, 200



104, 209, 247



255, 173, 193



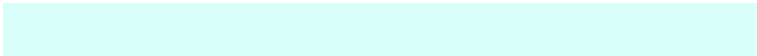
249, 182, 146

Sweetspot

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



108, 214, 200



217, 255, 250



122, 214, 108



105, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



108, 214, 200



105, 255, 235



108, 175, 214



96, 107, 106



0, 171, 148



0, 43, 38

Inverse Universe

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



214, 108, 122



255, 105, 124



214, 147, 108



107, 96, 98



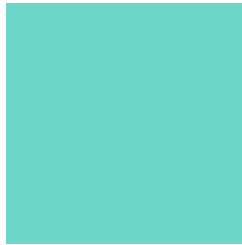
171, 0, 23



43, 0, 6

Previews

White Background



This preview shows how the RGB color 108, 214, 200 looks on a white background.

Color Contrast Check

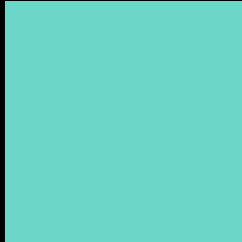
Large Text (above 18pt) WCAG AA × Fail

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, 214, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

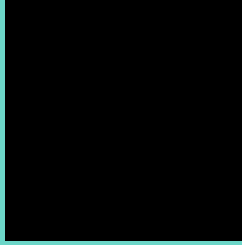
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

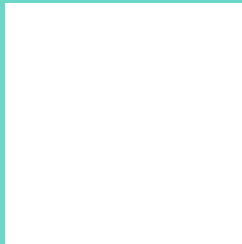
Any Text WCAG AAA ✓ Pass

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

RGB 108, 214, 200 Background



This preview shows how black text looks on a background with the RGB color 108, 214, 200.

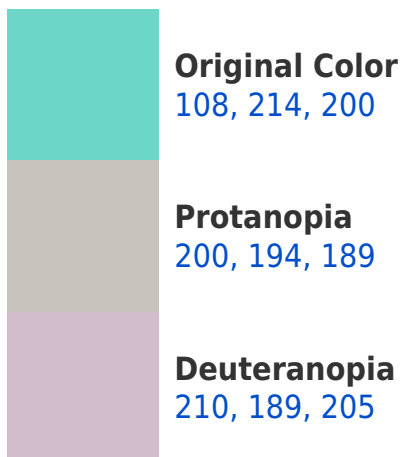


This preview shows how white text looks on a background with the RGB color 108, 214, 200.

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





Tritanopia
117, 210, 227

Trichromacy



Original Color

108, 214, 200



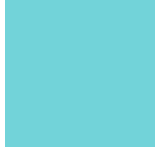
Protanomaly

167, 201, 193



Deuteranomaly

173, 198, 203



Tritanomaly

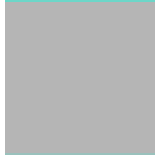
114, 211, 217

Monochromacy



Original Color

108, 214, 200



Achromatopsia

181, 181, 181



Achromatomaly

154, 193, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 214, 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, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(108, 214, 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, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 214, 200) }
```

Border

The CSS property to change the border of an element to RGB 108, 214, 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, 214, 200) }
```

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

```
.border{ border-color:rgb(108, 214, 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, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(108, 214,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 108, 214, 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, 214, 200) }
```

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

```
.background{ background-color: rgb(108,  
214, 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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