

Converting Colors

RGB(115, 215, 212)

Have a look what the booklet for
RGB(115, 215, 212) contains.

RGB(115, 215, 212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(115, 215, 212)

Conversions

Conversions Part 1

Format	Color
Hex	73D7D4
RGB	115, 215, 212
RGB Percent	45%, 84%, 83%
CMY	0.5490, 0.1569, 0.1686
CMYK	0.47, 0.00, 0.01, 0.16
HSL	178°, 56%, 65%
HSV	178°, 47%, 84%
XYZ	43.2543, 56.9992, 71.0096
YIQ	184.7580, -58.6370, -22.1330

Conversions

Conversions Part 2

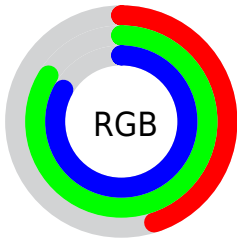
Format	Color
R _Y B	115, 166, 215
Decimal	7591892
CIE Lab	80.18, -29.97, -7.61
CIE LCh	80, 30.925, 194.253
Yxy	56.9992, 0.2526, 0.3328
Android (android.graphics.Color)	4285781972 (0xFF73D7D4)
YUV	184.7580, 13.4303, -61.1778
Hunter-Lab	75.4978, -29.8546, -2.9168

Details

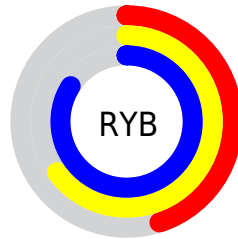
The RGB color **115, 215, 212** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **215, 115, 118**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **173, 255, 255**, and **54, 160, 157** is the 20% darker color. If you saturate the color by 10%, you get **94, 215, 211**, and if you desaturate by 10%, it is **137, 215, 213**.

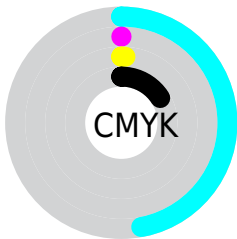
Distribution



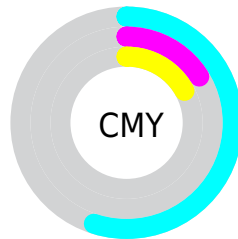
- Red (45%)
- Green (84%)
- Blue (83%)



- Red (45%)
- Yellow (65%)
- Blue (84%)



- Cyan (47%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (55%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 215, 212 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 115, 215, 212 by changing the saturation by 10% instead.

 115, 215, 212


255, 255, 255


 173, 255, 255

 202, 255, 255

 232, 255, 255


 115, 215, 212

 86, 187, 184


 54, 160, 157

 7, 133, 131

 0, 108, 106

 0, 83, 82

 0, 59, 59

 0, 38, 38

 0, 2, 17

 0, 0, 0

■ 115, 215, 212

■ 115, 215, 212

■ 94, 215, 211

■ 137, 215, 213

■ 72, 215, 211

■ 158, 215, 213

■ 51, 215, 210

■ 180, 215, 214

■ 29, 215, 209

■ 201, 215, 215

■ 8, 215, 209

■ 223, 215, 215

■ 0, 215, 209

■ 244, 215, 216

■ 255, 215, 217

■ 255, 215, 217

■ 255, 215, 218

Harmonies

Analogous

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



140, 214, 182



115, 215, 212



113, 212, 238

Triad

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



115, 215, 212



220, 187, 240



233, 192, 144

Complementary

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



115, 215, 212



215, 115, 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.



252, 183, 160



115, 215, 212



247, 179, 215

Square

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



115, 215, 212



182, 197, 254



255, 178, 186



206, 201, 143

Rectangle

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



115, 215, 212



129, 209, 250



255, 178, 186



241, 189, 148

Sweetspot

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



115, 215, 212



219, 255, 254



118, 215, 115



106, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



115, 215, 212



112, 255, 251



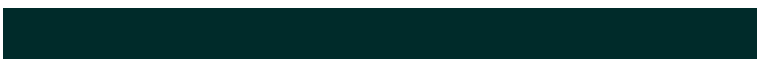
115, 168, 215



96, 107, 107



0, 171, 166



0, 43, 42

Inverse Universe

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



215, 115, 118



255, 112, 116



215, 162, 115



107, 96, 97



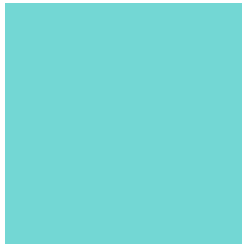
171, 0, 5



43, 0, 1

Previews

White Background



This preview shows how the RGB color 115, 215, 212 looks on a white background.

Color Contrast Check

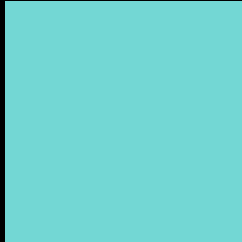
Large Text (above 18pt) WCAG AA × Fail

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 115, 215, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

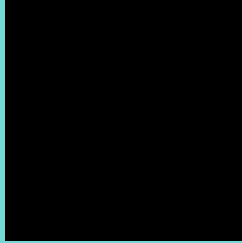
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

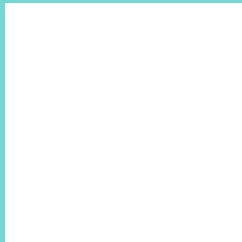
Any Text WCAG AAA ✓ Pass

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

RGB 115, 215, 212 Background



This preview shows how black text looks on a background with the RGB color 115, 215, 212.

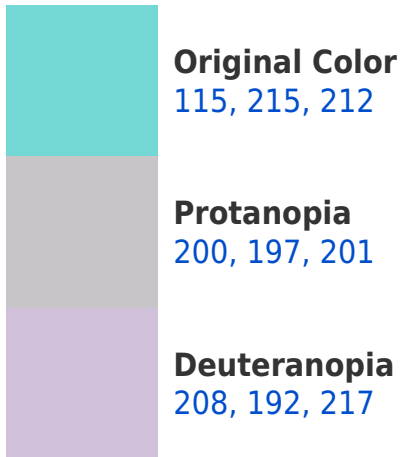


This preview shows how white text looks on a background with the RGB color 115, 215, 212.

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
120, 212, 229

Trichromacy



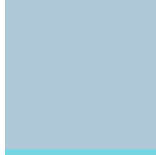
Original Color

115, 215, 212



Protanomaly

169, 204, 205



Deuteranomaly

174, 200, 215



Tritanomaly

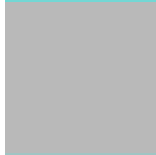
118, 213, 223

Monochromacy



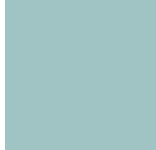
Original Color

115, 215, 212



Achromatopsia

185, 185, 185



Achromatomaly

160, 196, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 215, 212 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(115, 215, 212)` looks like.

```
.text, #text, p{  
    color:rgb(115, 215, 212)  
}
```

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(115, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 215, 212) }
```

Border

The CSS property to change the border of an element to RGB 115, 215, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

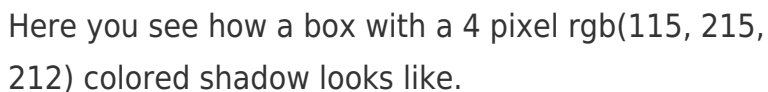
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 215, 212) }
```

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

```
.border{ border-color:rgb(115, 215, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(115, 215,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 115, 215, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 215, 212) }
```

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

```
.background{ background-color: rgb(115,  
215, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor