

Converting Colors

RGB(111, 214, 209)

Have a look what the booklet for
RGB(111, 214, 209) contains.

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Color

RGB(111, 214, 209)

Conversions

Conversions Part 1

Format	Color
Hex	6FD6D1
RGB	111, 214, 209
RGB Percent	44%, 84%, 82%
CMY	0.5647, 0.1608, 0.1804
CMYK	0.48, 0.00, 0.02, 0.16
HSL	177°, 56%, 64%
HSV	177°, 48%, 84%
XYZ	42.1107, 56.0761, 68.9259
YIQ	182.6330, -59.7830, -23.3910

Conversions

Conversions Part 2

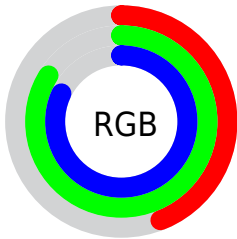
Format	Color
R _Y B	111, 164, 214
Decimal	7329489
CIE Lab	79.66, -31.14, -6.80
CIE LCh	80, 31.877, 192.318
Yxy	56.0761, 0.2520, 0.3356
Android (android.graphics.Color)	4285519569 (0xFF6FD6D1)
YUV	182.6330, 12.9989, -62.8221
Hunter-Lab	74.8840, -30.6681, -2.1539

Details

The RGB color **111, 214, 209** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **214, 111, 116**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **169, 255, 255**, and **49, 159, 155** is the 20% darker color. If you saturate the color by 10%, you get **90, 214, 208**, and if you desaturate by 10%, it is **132, 214, 210**.

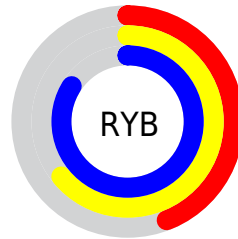
Distribution



Red (44%)

Green (84%)

Blue (82%)



Red (44%)

Yellow (64%)

Blue (84%)

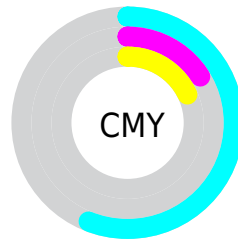


Cyan (48%)

Magenta (0%)

Yellow (2%)

Black (16%)



Cyan (56%)


Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 111, 214, 209 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 111, 214, 209 by changing the saturation by 10% instead.

 111, 214, 209


255, 255, 255


 169, 255, 255

 198, 255, 255

 228, 255, 255


 111, 214, 209

 81, 186, 181

 49, 159, 155

 0, 132, 129

 0, 107, 104

 0, 82, 80

 0, 58, 57

 0, 37, 35

 0, 1, 15

 0, 0, 0

■ 111, 214, 209

■ 111, 214, 209

■ 90, 214, 208

■ 132, 214, 210

■ 68, 214, 207

■ 154, 214, 211

■ 47, 214, 206

■ 175, 214, 212

■ 25, 214, 205

■ 197, 214, 213

■ 4, 214, 204

■ 218, 214, 214

■ 0, 214, 204

■ 239, 214, 215

■ 255, 214, 216

■ 255, 214, 217

■ 255, 214, 218

Harmonies

Analogous

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



139, 213, 178



111, 214, 209



107, 212, 236

Triad

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



111, 214, 209



217, 186, 241



234, 190, 141

Complementary

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



111, 214, 209



214, 111, 116

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.



253, 180, 159



111, 214, 209



245, 178, 216

Square

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



111, 214, 209



177, 196, 255



255, 176, 186



206, 199, 139

Rectangle

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



111, 214, 209



123, 208, 249



255, 176, 186



242, 186, 146

Sweetspot

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



111, 214, 209



219, 255, 253



116, 214, 111



106, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



111, 214, 209



107, 255, 248



111, 168, 214



96, 107, 107



0, 171, 163



0, 43, 41

Inverse Universe

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



214, 111, 116



255, 107, 114



214, 157, 111



107, 96, 97



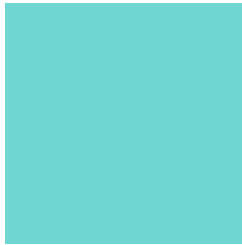
171, 0, 8



43, 0, 2

Previews

White Background



This preview shows how the RGB color 111, 214, 209 looks on a white background.

Color Contrast Check

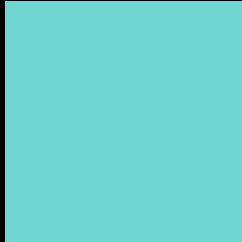
Large Text (above 18pt) WCAG AA × Fail

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 111, 214, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

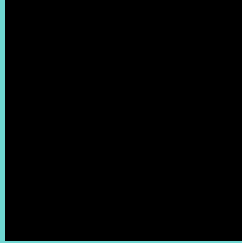
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

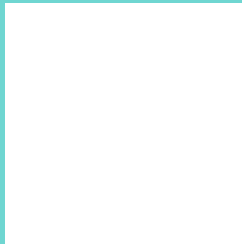
Any Text WCAG AAA ✓ Pass

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

RGB 111, 214, 209 Background



This preview shows how black text looks on a background with the RGB color 111, 214, 209.

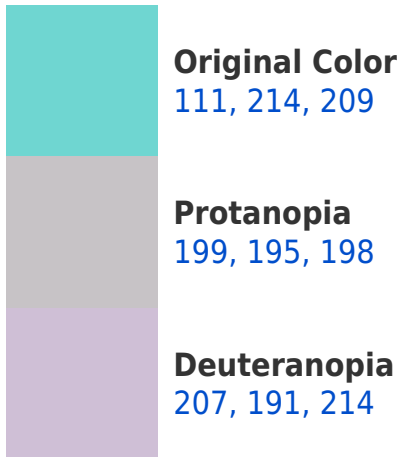


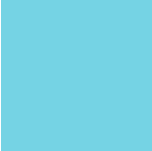
This preview shows how white text looks on a background with the RGB color 111, 214, 209.

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, 211, 228

Trichromacy



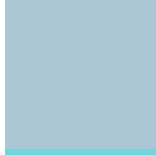
Original Color

111, 214, 209



Protanomaly

167, 202, 202



Deuteranomaly

172, 199, 212



Tritanomaly

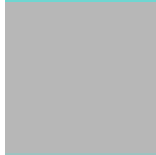
115, 212, 221

Monochromacy



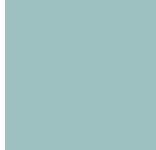
Original Color

111, 214, 209



Achromatopsia

183, 183, 183



Achromatomaly

157, 194, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 214, 209 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(111, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(111, 214, 209)  
}
```

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(111, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 214, 209) }
```

Border

The CSS property to change the border of an element to RGB 111, 214, 209 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(111, 214, 209) }
```

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

```
.border{ border-color:rgb(111, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(111, 214,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 111, 214, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 214, 209) }
```

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

```
.background{ background-color: rgb(111,  
214, 209) }
```

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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