

Converting Colors

RGB(111, 225, 224)

Have a look what the booklet for
RGB(111, 225, 224) contains.

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Color

RGB(111, 225, 224)

Conversions

Conversions Part 1

Format	Color
Hex	6FE1E0
RGB	111, 225, 224
RGB Percent	44%, 88%, 88%
CMY	0.5647, 0.1176, 0.1216
CMYK	0.51, 0.00, 0.00, 0.12
HSL	179°, 66%, 66%
HSV	179°, 51%, 88%
XYZ	46.9353, 62.6118, 80.1325
YIQ	190.8000, -67.6230, -24.4790

Conversions

Conversions Part 2

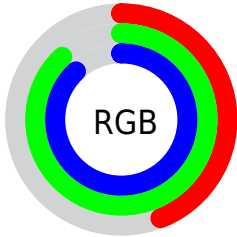
Format	Color
R_{YB}	111, 168, 225
Decimal	7332320
CIE Lab	83.24, -32.54, -9.47
CIE LCh	83, 33.893, 196.227
Yxy	62.6118, 0.2474, 0.3301
Android (android.graphics.Color)	4285522400 (0xFF6FE1E0)
YUV	190.8000, 16.3676, -69.9846
Hunter-Lab	79.1276, -32.5943, -4.6537

Details

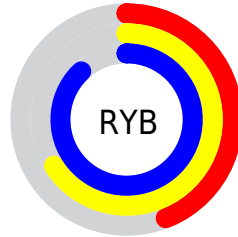
The RGB color **111, 225, 224** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **225, 111, 112**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **171, 255, 255**, and **44, 169, 169** is the 20% darker color. If you saturate the color by 10%, you get **89, 225, 224**, and if you desaturate by 10%, it is **134, 225, 224**.

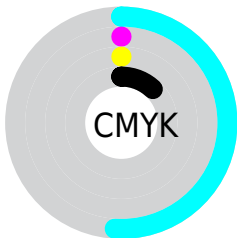
Distribution



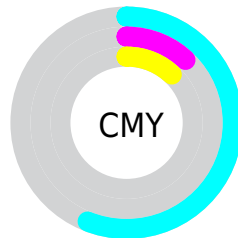
- Red (44%)
- Green (88%)
- Blue (88%)



- Red (44%)
- Yellow (66%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)




- Cyan (56%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 111, 225, 224 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, 225, 224 by changing the saturation by 10% instead.

 111, 225, 224


255, 255, 255


 171, 255, 255

 200, 255, 255


 230, 255, 255

 111, 225, 224


 80, 197, 196

 44, 169, 169

 0, 142, 142

 0, 116, 117

 0, 91, 92

 0, 67, 69

 0, 44, 47

 0, 20, 26

 0, 0, 0

■ 111, 225, 224

■ 111, 225, 224

■ 89, 225, 224

■ 134, 225, 224

■ 66, 225, 224

■ 156, 225, 224

■ 44, 225, 223

■ 179, 225, 225

■ 21, 225, 223

■ 201, 225, 225

■ 0, 225, 223

■ 224, 225, 225

■ 246, 225, 225

■ 255, 225, 225

■ 255, 225, 226

■ 255, 225, 226

Harmonies

Analogous

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



139, 224, 191



111, 225, 224



111, 222, 252

Triad

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



111, 225, 224



233, 193, 252



243, 200, 146

Complementary

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



111, 225, 224



225, 111, 112

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, 190, 163



111, 225, 224



255, 185, 223

Square

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



111, 225, 224



191, 204, 255



255, 184, 191



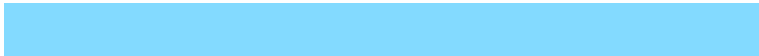
212, 211, 146

Rectangle

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



111, 225, 224



131, 218, 255



255, 184, 191



252, 197, 150

Sweetspot

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



111, 225, 224



217, 255, 255



113, 225, 111



105, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



111, 225, 224



99, 255, 254



111, 170, 225



101, 112, 112



0, 176, 174



0, 48, 48

Inverse Universe

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



225, 111, 112



255, 99, 101



225, 166, 111



112, 101, 101



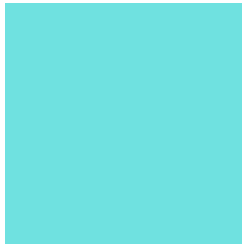
176, 0, 2



48, 0, 0

Previews

White Background



This preview shows how the RGB color 111, 225, 224 looks on a white background.

Color Contrast Check

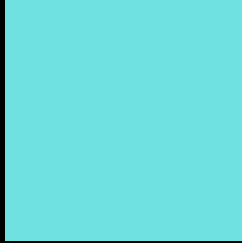
Large Text (above 18pt) WCAG AA × Fail

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, 225, 224 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, 225, 224 Background



This preview shows how black text looks on a background with the RGB color 111, 225, 224.

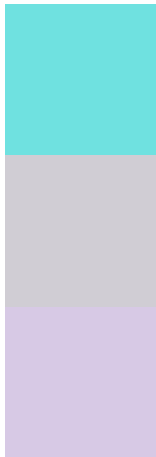


This preview shows how white text looks on a background with the RGB color 111, 225, 224.

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
111, 225, 224

Protanopia
208, 205, 212

Deuteranopia
215, 201, 229



Tritanopia
117, 222, 240

Trichromacy



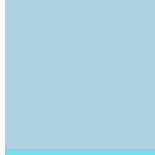
Original Color

111, 225, 224



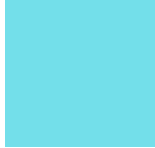
Protanomaly

173, 212, 216



Deuteranomaly

177, 210, 227



Tritanomaly

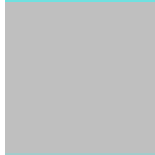
115, 223, 234

Monochromacy



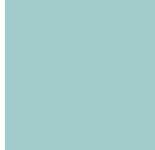
Original Color

111, 225, 224



Achromatopsia

191, 191, 191



Achromatomaly

162, 203, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 225, 224 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, 225, 224)` looks like.

```
.text, #text, p{  
    color:rgb(111, 225, 224)  
}
```

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, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 225, 224) }
```

Border

The CSS property to change the border of an element to RGB 111, 225, 224 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, 225, 224) }
```

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

```
.border{ border-color:rgb(111, 225, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(111, 225,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 111, 225, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 225, 224) }
```

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

```
.background{ background-color: rgb(111,  
225, 224) }
```

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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