

Converting Colors

RGB(110, 222, 235)

Have a look what the booklet for
RGB(110, 222, 235) contains.

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Color

RGB(110, 222, 235)

Conversions

Conversions Part 1

Format	Color
Hex	6EDEEB
RGB	110, 222, 235
RGB Percent	43%, 87%, 92%
CMY	0.5686, 0.1294, 0.0784
CMYK	0.53, 0.06, 0.00, 0.08
HSL	186°, 76%, 68%
HSV	186°, 53%, 92%
XYZ	47.5471, 61.5557, 87.9727
YIQ	189.9940, -70.9250, -19.7010

Conversions

Conversions Part 2

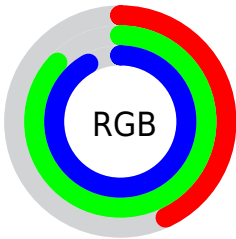
Format	Color
R _{YB}	110, 169, 235
Decimal	7266027
CIE Lab	82.68, -28.41, -16.14
CIE LCh	83, 32.681, 209.605
Yxy	61.5557, 0.2413, 0.3123
Android (android.graphics.Color)	4285456107 (0xFF6EDEEB)
YUV	189.9940, 22.1880, -70.1547
Hunter-Lab	78.4574, -29.1253, -11.5604

Details

The RGB color **110, 222, 235** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **235, 123, 110**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **170, 255, 255**, and **41, 167, 179** is the 20% darker color. If you saturate the color by 10%, you get **87, 220, 235**, and if you desaturate by 10%, it is **134, 224, 235**.

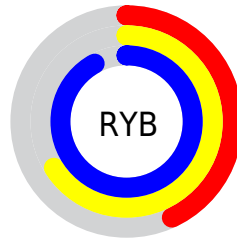
Distribution



Red (43%)

Green (87%)

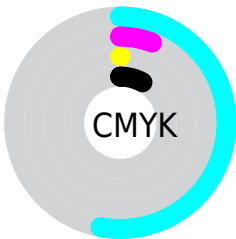
Blue (92%)



Red (43%)

Yellow (66%)

Blue (92%)

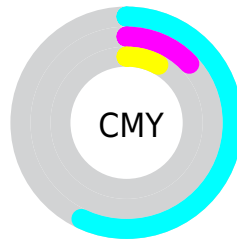


Cyan (53%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (57%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 110, 222, 235 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 110, 222, 235 by changing the saturation by 10% instead.

 110, 222, 235


255, 255, 255


 170, 255, 255

 200, 255, 255


 230, 255, 255

 110, 222, 235

 78, 194, 207

 41, 167, 179


 0, 140, 152

 0, 114, 127

 0, 89, 102

 0, 65, 78

 0, 43, 55

 0, 18, 34

 0, 0, 9

■ 110, 222, 235

■ 110, 222, 235

■ 87, 220, 235

■ 134, 224, 235

■ 63, 217, 235

■ 157, 227, 235

■ 40, 215, 235

■ 181, 229, 235

■ 16, 212, 235

■ 204, 232, 235

■ 0, 211, 235

■ 227, 234, 235

■ 251, 237, 235

■ 255, 239, 235

■ 255, 242, 235

■ 255, 244, 235

Harmonies

Analogous

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



127, 223, 204



110, 222, 235



126, 217, 255

Triad

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



110, 222, 235



245, 188, 237



228, 204, 144

Complementary

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



110, 222, 235



235, 123, 110

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, 193, 154



110, 222, 235



255, 183, 207

Square

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



110, 222, 235



210, 198, 255



255, 185, 177



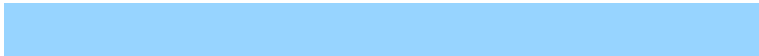
195, 213, 152

Rectangle

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



110, 222, 235



151, 212, 255



255, 185, 177



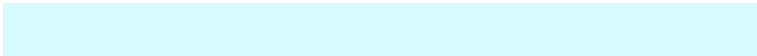
238, 200, 146

Sweetspot

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



110, 222, 235



214, 251, 255



110, 235, 122



103, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 222, 235



92, 238, 255



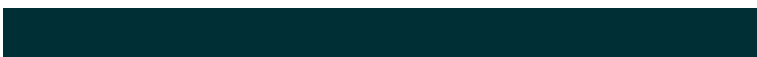
110, 160, 235



106, 116, 117



0, 162, 181



0, 48, 54

Inverse Universe

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



235, 110, 222



255, 92, 238



235, 185, 110



117, 106, 116



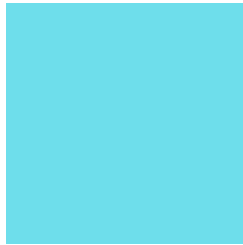
181, 0, 162



54, 0, 48

Previews

White Background



This preview shows how the RGB color 110, 222, 235 looks on a white background.

Color Contrast Check

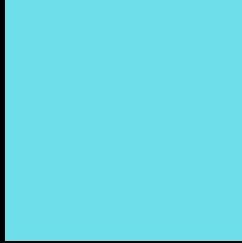
Large Text (above 18pt) WCAG AA × Fail

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 110, 222, 235 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 110, 222, 235 Background



This preview shows how black text looks on a background with the RGB color 110, 222, 235.

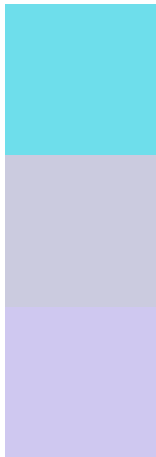


This preview shows how white text looks on a background with the RGB color 110, 222, 235.

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
110, 222, 235

Protanopia
203, 203, 223

Deuteranopia
207, 200, 240



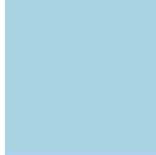
Tritanopia
112, 221, 239

Trichromacy



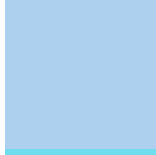
Original Color

110, 222, 235



Protanomaly

169, 210, 227



Deuteranomaly

172, 208, 238



Tritanomaly

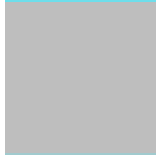
111, 221, 238

Monochromacy



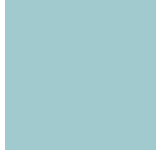
Original Color

110, 222, 235



Achromatopsia

190, 190, 190



Achromatomaly

161, 202, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 222, 235 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(110, 222, 235)` looks like.

```
.text, #text, p{  
    color:rgb(110, 222, 235)  
}
```

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(110, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 222, 235) }
```

Border

The CSS property to change the border of an element to RGB 110, 222, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

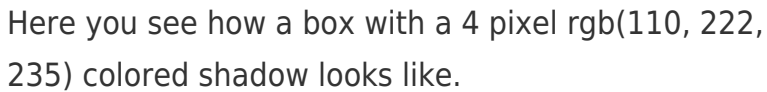
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 222, 235) }
```

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

```
.border{ border-color:rgb(110, 222, 235) }
```

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



Here you see how a box with a 4 pixel rgb(110, 222, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(110, 222,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 110, 222, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 222, 235) }
```

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

```
.background{ background-color: rgb(110,  
222, 235) }
```

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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