

Converting Colors

RGB(110, 195, 223)

Have a look what the booklet for
RGB(110, 195, 223) contains.

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Color

RGB(110, 195, 223)

Conversions

Conversions Part 1

Format	Color
Hex	6EC3DF
RGB	110, 195, 223
RGB Percent	43%, 76%, 87%
CMY	0.5686, 0.2353, 0.1255
CMYK	0.51, 0.13, 0.00, 0.13
HSL	195°, 64%, 65%
HSV	195°, 51%, 87%
XYZ	39.2648, 47.6729, 76.9444
YIQ	172.7770, -59.6480, -9.3120

Conversions

Conversions Part 2

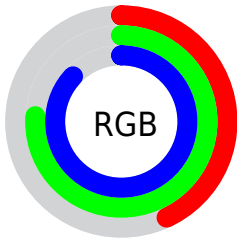
Format	Color
R _Y B	110, 159, 223
Decimal	7259103
CIE Lab	74.62, -18.21, -21.90
CIE LCh	75, 28.486, 230.261
Yxy	47.6729, 0.2396, 0.2909
Android (android.graphics.Color)	4285449183 (0xFF6EC3DF)
YUV	172.7770, 24.7599, -55.0554
Hunter-Lab	69.0456, -19.3205, -17.7408

Details

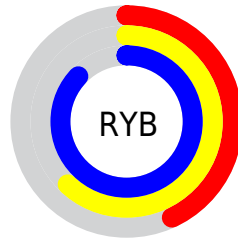
The RGB color **110, 195, 223** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **223, 138, 110**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **168, 252, 255**, and **48, 141, 168** is the 20% darker color. If you saturate the color by 10%, you get **88, 189, 223**, and if you desaturate by 10%, it is **132, 201, 223**.

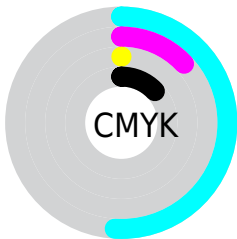
Distribution



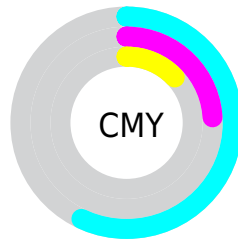
- Red (43%)
- Green (76%)
- Blue (87%)



- Red (43%)
- Yellow (62%)
- Blue (87%)



- Cyan (51%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)




- Cyan (57%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 110, 195, 223 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, 195, 223 by changing the saturation by 10% instead.


 110, 195, 223


255, 255, 255


 168, 252, 255


 197, 255, 255

 227, 255, 255

 110, 195, 223

 80, 168, 195

 48, 141, 168

 0, 116, 141

 0, 91, 116

 0, 67, 91

 0, 45, 67

 0, 26, 45

 0, 1, 24

 0, 0, 0

■ 110, 195, 223

■ 110, 195, 223

■ 88, 189, 223

■ 132, 201, 223

■ 65, 184, 223

■ 155, 206, 223

■ 43, 178, 223

■ 177, 212, 223

■ 21, 173, 223

■ 199, 217, 223

■ 0, 168, 223

■ 222, 223, 223

■ 244, 228, 223

■ 255, 234, 223

■ 255, 239, 223

■ 255, 245, 223

Harmonies

Analogous

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



106, 198, 201



110, 195, 223



139, 189, 235

Triad

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



110, 195, 223



230, 165, 193



184, 188, 134

Complementary

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



110, 195, 223



223, 138, 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.



210, 179, 132



110, 195, 223



237, 165, 167

Square

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



110, 195, 223



209, 171, 217



229, 170, 144



154, 194, 149

Rectangle

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



110, 195, 223



164, 183, 235



229, 170, 144



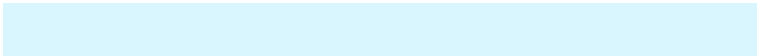
193, 185, 132

Sweetspot

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



110, 195, 223



217, 246, 255



110, 223, 136



105, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 195, 223



99, 216, 255



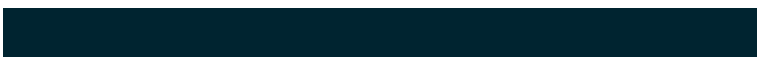
110, 140, 223



101, 109, 112



0, 132, 176



0, 36, 48

Inverse Universe

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



223, 110, 195



255, 99, 216



223, 193, 110



112, 101, 109



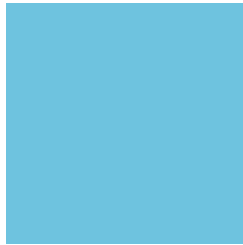
176, 0, 132



48, 0, 36

Previews

White Background



This preview shows how the RGB color 110, 195, 223 looks on a white background.

Color Contrast Check

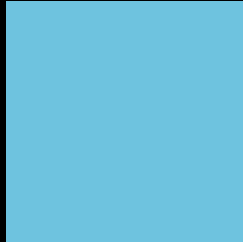
Large Text (above 18pt) WCAG AA × Fail

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, 195, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

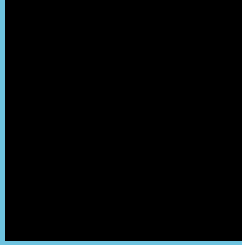
Any Text WCAG AA ✓ Pass

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, 195, 223 Background



This preview shows how black text looks on a background with the RGB color 110, 195, 223.



This preview shows how white text looks on a background with the RGB color 110, 195, 223.

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](#).

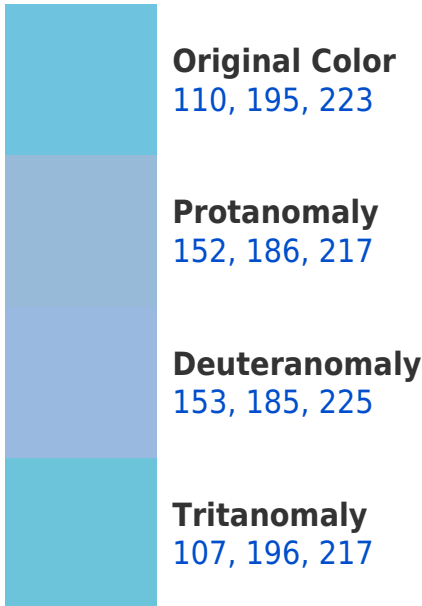
Dichromacy



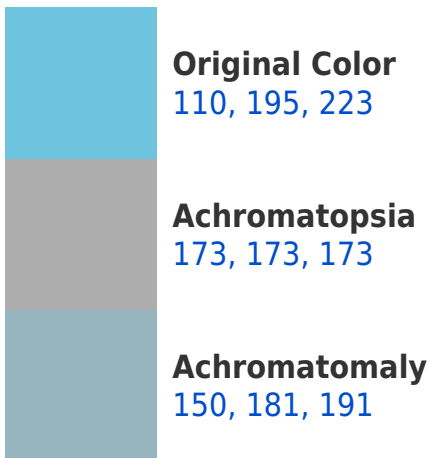


Tritanopia
106, 197, 213

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 195, 223 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, 195, 223)` looks like.

```
.text, #text, p{  
    color:rgb(110, 195, 223)  
}
```

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, 195, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 195, 223) }
```

Border

The CSS property to change the border of an element to RGB 110, 195, 223 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, 195, 223) }
```

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

```
.border{ border-color:rgb(110, 195, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 195, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 195, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 195, 223);  
box-shadow:4px 4px 4px 4px rgb(110, 195,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 110, 195, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 195, 223) }
```

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

```
.background{ background-color: rgb(110,  
195, 223) }
```

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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