

Converting Colors

RGB(115, 226, 223)

Have a look what the booklet for
RGB(115, 226, 223) contains.

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Color

RGB(115, 226, 223)

Conversions

Conversions Part 1

Format	Color
Hex	73E2DF
RGB	115, 226, 223
RGB Percent	45%, 89%, 87%
CMY	0.5490, 0.1137, 0.1255
CMYK	0.49, 0.00, 0.01, 0.11
HSL	178°, 66%, 67%
HSV	178°, 49%, 89%
XYZ	47.5859, 63.3653, 79.5347
YIQ	192.4690, -65.1930, -24.4650

Conversions

Conversions Part 2

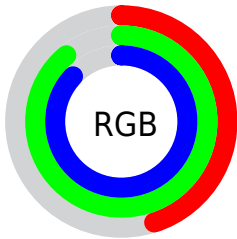
Format	Color
RYB	115, 171, 226
Decimal	7594719
CIELab	83.63, -32.43, -8.34
CIElCh	84, 33.488, 194.416
Yxy	63.3653, 0.2498, 0.3327
Android (android.graphics.Color)	4285784799 (0xFF73E2DF)
YUV	192.4690, 15.0518, -67.9403
Hunter-Lab	79.6023, -32.5976, -3.5181

Details

The RGB color **115, 226, 223** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **226, 115, 118**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **174, 255, 255**, and **51, 170, 168** is the 20% darker color. If you saturate the color by 10%, you get **92, 226, 222**, and if you desaturate by 10%, it is **138, 226, 224**.

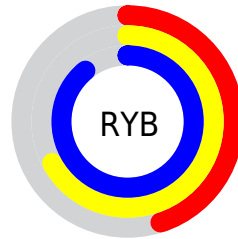
Distribution



Red (45%)

Green (89%)

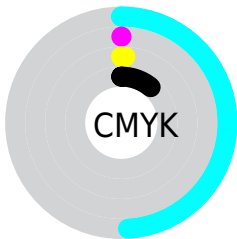
Blue (87%)



Red (45%)

Yellow (67%)

Blue (89%)

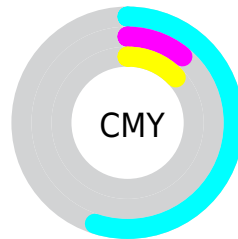


Cyan (49%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (55%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 226, 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 115, 226, 223 by changing the saturation by 10% instead.

 115, 226, 223


255, 255, 255


 174, 255, 255

 204, 255, 255


 234, 255, 255

 115, 226, 223

 85, 198, 195

 51, 170, 168

 0, 143, 142

 0, 117, 116

 0, 92, 91

 0, 68, 68

 0, 45, 46

 0, 22, 25

 0, 0, 0

 115, 226, 223

 115, 226, 223

 92, 226, 222

 138, 226, 224

 70, 226, 222

 160, 226, 224

 47, 226, 221

 183, 226, 225

 25, 226, 221

 205, 226, 225

 2, 226, 220

 228, 226, 226

 0, 226, 220

 251, 226, 227

 255, 226, 227

 255, 226, 228

 255, 226, 228

Harmonies

Analogous

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



144, 225, 190



115, 226, 223



113, 223, 252

Triad

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



115, 226, 223



232, 195, 254



246, 201, 148

Complementary

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



115, 226, 223



226, 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.



255, 191, 166



115, 226, 223



255, 187, 226

Square

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



115, 226, 223



190, 206, 255



255, 185, 194



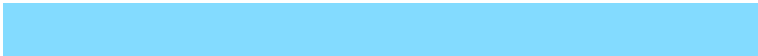
215, 211, 147

Rectangle

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



115, 226, 223



131, 219, 255



255, 185, 194



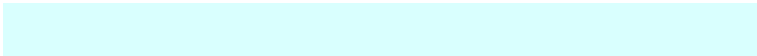
254, 197, 152

Sweetspot

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



115, 226, 223



217, 255, 254



119, 226, 115



105, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



115, 226, 223



105, 255, 251



115, 174, 226



101, 112, 112



0, 176, 171



0, 48, 47

Inverse Universe

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



226, 115, 118



255, 105, 109



226, 167, 115



112, 101, 101



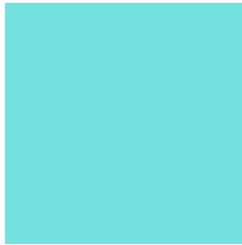
176, 0, 5



48, 0, 1

Previews

White Background



This preview shows how the RGB color 115, 226, 223 looks on a white background.

Color Contrast Check

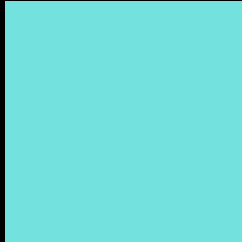
Large Text (above 18pt) WCAG AA × Fail

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 115, 226, 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 115, 226, 223 Background



This preview shows how black text looks on a background with the RGB color 115, 226, 223.

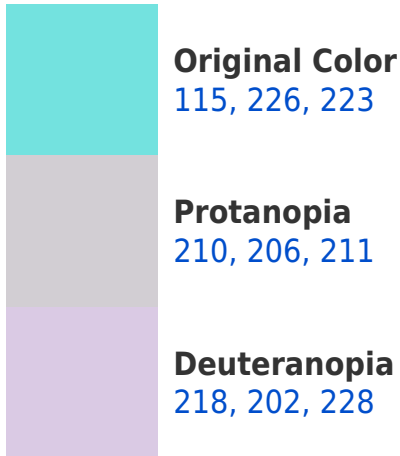


This preview shows how white text looks on a background with the RGB color 115, 226, 223.

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
121, 223, 241

Trichromacy



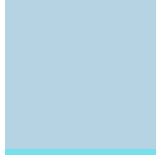
Original Color

115, 226, 223



Protanomaly

175, 213, 215



Deuteranomaly

181, 211, 226



Tritanomaly

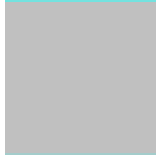
119, 224, 234

Monochromacy



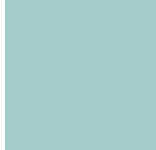
Original Color

115, 226, 223



Achromatopsia

192, 192, 192



Achromatomaly

164, 204, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 226, 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(115, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(115, 226, 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(115, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 226, 223) }
```

Border

The CSS property to change the border of an element to RGB 115, 226, 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(115, 226, 223) }
```

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

```
.border{ border-color:rgb(115, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(115, 226,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 115, 226, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 226, 223) }
```

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

```
.background{ background-color: rgb(115,  
226, 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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