

Converting Colors

RGB(115, 250, 237)

Have a look what the booklet for
RGB(115, 250, 237) contains.

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Color

RGB(115, 250, 237)

Conversions

Conversions Part 1

Format	Color
Hex	73FAED
RGB	115, 250, 237
RGB Percent	45%, 98%, 93%
CMY	0.5490, 0.0196, 0.0706
CMYK	0.54, 0.00, 0.05, 0.02
HSL	174°, 93%, 72%
HSV	174°, 54%, 98%
XYZ	56.5419, 78.1305, 92.2214
YIQ	208.1530, -76.2870, -32.6630

Conversions

Conversions Part 2

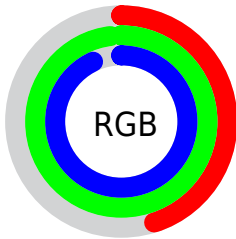
Format	Color
R _Y B	115, 186, 250
Decimal	7600877
CIE Lab	90.84, -40.00, -5.02
CIE LCh	91, 40.315, 187.157
Yxy	78.1305, 0.2492, 0.3443
Android (android.graphics.Color)	4285790957 (0xFF73FAED)
YUV	208.1530, 14.2216, -81.6952
Hunter-Lab	88.3914, -40.5028, 0.0150

Details

The RGB color **115, 250, 237** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **250, 115, 128**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **176, 255, 255**, and **43, 193, 181** is the 20% darker color. If you saturate the color by 10%, you get **90, 250, 235**, and if you desaturate by 10%, it is **140, 250, 239**.

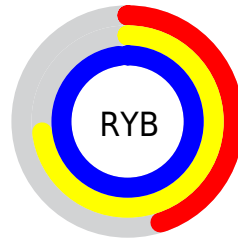
Distribution



Red (45%)

Green (98%)

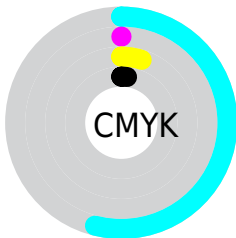
Blue (93%)



Red (45%)

Yellow (73%)

Blue (98%)

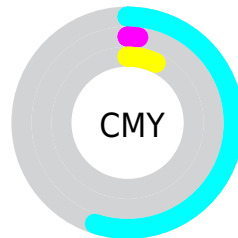


Cyan (54%)

Magenta (0%)

Yellow (5%)

Black (2%)



Cyan (55%)

Magenta (2%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 250, 237 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, 250, 237 by changing the saturation by 10% instead.

 115, 250, 237

255, 255, 255


 176, 255, 255

 207, 255, 255

 237, 255, 255


 115, 250, 237


 82, 221, 209

 43, 193, 181

 0, 165, 154

 0, 139, 128

 0, 112, 103

 0, 87, 79

 0, 63, 57

 0, 41, 35

 0, 6, 15

 115, 250, 237

 115, 250, 237

 90, 250, 235

 140, 250, 239

 65, 250, 232

 165, 250, 242

 40, 250, 230

 190, 250, 244

 15, 250, 227

 215, 250, 247

 0, 250, 226

 240, 250, 249

 255, 250, 251

 255, 250, 254

 255, 250, 255

Harmonies

Analogous

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



158, 247, 198



115, 250, 237



97, 248, 255

Triad

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



115, 250, 237



246, 215, 255



255, 216, 158

Complementary

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



115, 250, 237



250, 115, 128

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, 205, 184



115, 250, 237



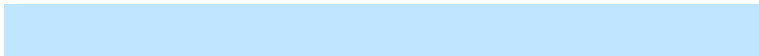
255, 204, 255

Square

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



115, 250, 237



191, 229, 255



255, 199, 221



246, 229, 152

Rectangle

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



115, 250, 237



116, 244, 255



255, 199, 221



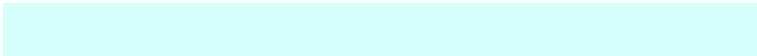
255, 212, 165

Sweetspot

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



115, 250, 237



214, 255, 251



129, 250, 115



103, 128, 125



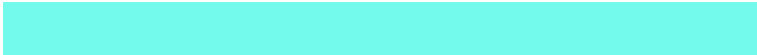
0, 0, 0



128, 128, 128

Same Dimension

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



115, 250, 237



89, 255, 239



115, 196, 250



112, 125, 124



0, 189, 171



0, 61, 55

Inverse Universe

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



250, 115, 128



255, 89, 105



250, 169, 115



125, 112, 114



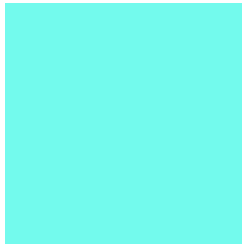
189, 0, 18



61, 0, 6

Previews

White Background



This preview shows how the RGB color 115, 250, 237 looks on a white background.

Color Contrast Check

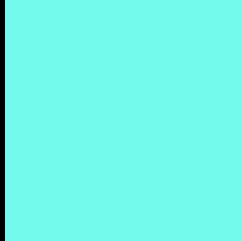
Large Text (above 18pt) WCAG AA × Fail

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, 250, 237 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, 250, 237 Background



This preview shows how black text looks on a background with the RGB color 115, 250, 237.

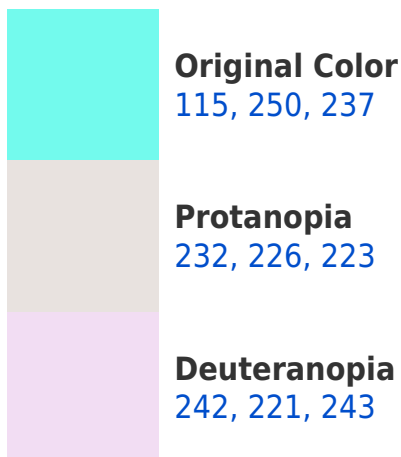


This preview shows how white text looks on a background with the RGB color 115, 250, 237.

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





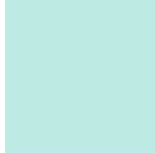
Tritanopia
163, 240, 255

Trichromacy



Original Color

115, 250, 237



Protanomaly

189, 235, 228



Deuteranomaly

196, 232, 241



Tritanomaly

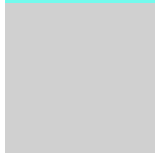
146, 244, 248

Monochromacy



Original Color

115, 250, 237



Achromatopsia

208, 208, 208



Achromatomaly

174, 223, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 250, 237 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, 250, 237)` looks like.

```
.text, #text, p{  
    color:rgb(115, 250, 237)  
}
```

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, 250, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 250, 237) }
```

Border

The CSS property to change the border of an element to RGB 115, 250, 237 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, 250, 237) }
```

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

```
.border{ border-color:rgb(115, 250, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 250, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 250, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 250, 237);  
box-shadow:4px 4px 4px 4px rgb(115, 250,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 115, 250, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 250, 237) }
```

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

```
.background{ background-color: rgb(115,  
250, 237) }
```

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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