

Converting Colors

RGB(113, 240, 239)

Have a look what the booklet for
RGB(113, 240, 239) contains.

RGB(113, 240, 239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(113, 240, 239)

Conversions

Conversions Part 1

Format	Color
Hex	71F0EF
RGB	113, 240, 239
RGB Percent	44%, 94%, 94%
CMY	0.5569, 0.0588, 0.0627
CMYK	0.53, 0.00, 0.00, 0.06
HSL	180°, 81%, 69%
HSV	180°, 53%, 94%
XYZ	53.5501, 72.0629, 92.7485
YIQ	201.9130, -75.3710, -27.2350

Conversions

Conversions Part 2

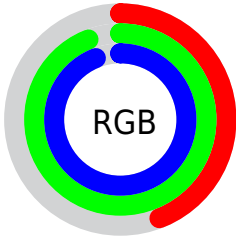
Format	Color
R_{YB}	113, 177, 240
Decimal	7467247
CIE _{Lab}	88.00, -35.31, -10.28
CIE _{LCh}	88, 36.774, 196.233
Yxy	72.0629, 0.2452, 0.3300
Android (android.graphics.Color)	4285657327 (0xFF71F0EF)
YUV	201.9130, 18.2839, -77.9767
Hunter-Lab	84.8899, -35.9561, -5.3558

Details

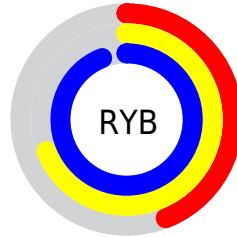
The RGB color **113, 240, 239** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **240, 113, 114**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **174, 255, 255**, and **42, 183, 183** is the 20% darker color. If you saturate the color by 10%, you get **89, 240, 239**, and if you desaturate by 10%, it is **137, 240, 239**.

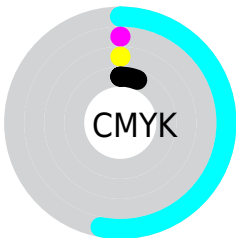
Distribution



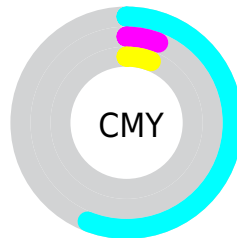
- Red (44%)
- Green (94%)
- Blue (94%)



- Red (44%)
- Yellow (69%)
- Blue (94%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 240, 239 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 113, 240, 239 by changing the saturation by 10% instead.


 113, 240, 239

 113, 240, 239

255, 255, 255

 81, 211, 211

 174, 255, 255

 42, 183, 183

 204, 255, 255

 0, 156, 156

 235, 255, 255

 0, 130, 130

 0, 104, 105

 0, 79, 81

 0, 56, 58

 0, 36, 36

 0, 1, 16

■ 113, 240, 239

■ 113, 240, 239

■ 89, 240, 239

■ 137, 240, 239

■ 65, 240, 239

■ 161, 240, 239

■ 41, 240, 238

■ 185, 240, 240

■ 17, 240, 238

■ 209, 240, 240

■ 0, 240, 238

■ 233, 240, 240

■ 255, 240, 240

■ 255, 240, 240

■ 255, 240, 241

■ 255, 240, 241

Harmonies

Analogous

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



146, 239, 203



113, 240, 239



112, 237, 255

Triad

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



113, 240, 239



249, 205, 255



255, 213, 153

Complementary

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



113, 240, 239



240, 113, 114

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, 202, 172



113, 240, 239



255, 196, 238

Square

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



113, 240, 239



203, 217, 255



255, 195, 203



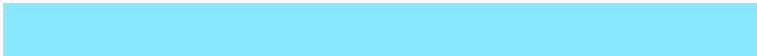
226, 225, 153

Rectangle

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



113, 240, 239



135, 232, 255



255, 195, 203



255, 209, 158

Sweetspot

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



113, 240, 239



214, 255, 255



115, 240, 113



103, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



113, 240, 239



92, 255, 254



113, 179, 240



108, 120, 120



0, 184, 182



0, 56, 56

Inverse Universe

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



240, 113, 114



255, 92, 93



240, 174, 113



120, 108, 108



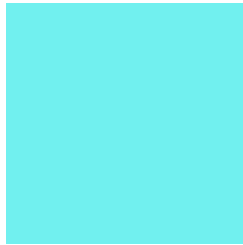
184, 0, 1



56, 0, 0

Previews

White Background



This preview shows how the RGB color 113, 240, 239 looks on a white background.

Color Contrast Check

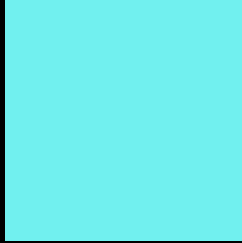
Large Text (above 18pt) WCAG AA × Fail

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 113, 240, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

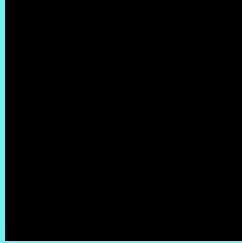
Any Text WCAG AA ✓ Pass

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 113, 240, 239 Background



This preview shows how black text looks on a background with the RGB color 113, 240, 239.



This preview shows how white text looks on a background with the RGB color 113, 240, 239.

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
126, 237, 255

Trichromacy



Original Color

113, 240, 239



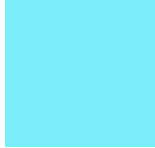
Protanomaly

182, 226, 231



Deuteranomaly

187, 223, 243



Tritanomaly

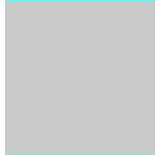
121, 238, 249

Monochromacy



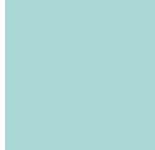
Original Color

113, 240, 239



Achromatopsia

202, 202, 202



Achromatomaly

170, 216, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 240, 239 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(113, 240, 239)` looks like.

```
.text, #text, p{  
    color:rgb(113, 240, 239)  
}
```

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(113, 240, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 240, 239) }
```

Border

The CSS property to change the border of an element to RGB 113, 240, 239 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(113, 240, 239) }
```

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

```
.border{ border-color:rgb(113, 240, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 240, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 240, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 240, 239);  
box-shadow:4px 4px 4px 4px rgb(113, 240,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 113, 240, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 240, 239) }
```

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

```
.background{ background-color: rgb(113,  
240, 239) }
```

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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