

Converting Colors

RGB(117, 245, 224)

Have a look what the booklet for
RGB(117, 245, 224) contains.

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Color

RGB(117, 245, 224)

Conversions

Conversions Part 1

Format	Color
Hex	75F5E0
RGB	117, 245, 224
RGB Percent	46%, 96%, 88%
CMY	0.5412, 0.0392, 0.1216
CMYK	0.52, 0.00, 0.09, 0.04
HSL	170°, 86%, 71%
HSV	170°, 52%, 96%
XYZ	53.4431, 74.4685, 82.0781
YIQ	204.3340, -69.5470, -33.6670

Conversions

Conversions Part 2

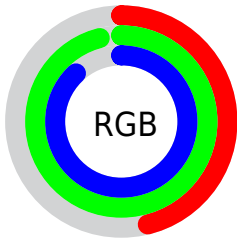
Format	Color
RYB	117, 187, 245
Decimal	7730656
CIELab	89.14, -40.52, -0.74
CIELCh	89, 40.524, 181.044
Yxy	74.4685, 0.2545, 0.3546
Android (android.graphics.Color)	4285920736 (0xFF75F5E0)
YUV	204.3340, 9.6953, -76.5919
Hunter-Lab	86.2952, -40.4705, 4.0140

Details

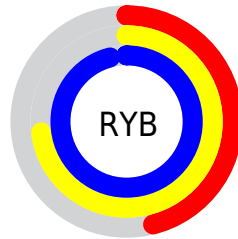
The RGB color **117, 245, 224** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **245, 117, 138**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **177, 255, 255**, and **50, 188, 169** is the 20% darker color. If you saturate the color by 10%, you get **93, 245, 220**, and if you desaturate by 10%, it is **142, 245, 228**.

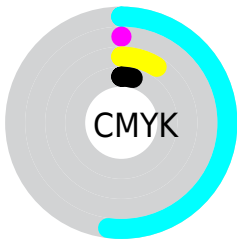
Distribution



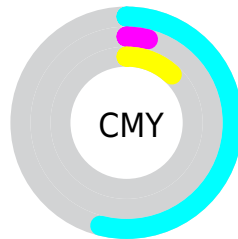
- Red (46%)
- Green (96%)
- Blue (88%)



- Red (46%)
- Yellow (73%)
- Blue (96%)



- Cyan (52%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (54%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 245, 224 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 117, 245, 224 by changing the saturation by 10% instead.

 117, 245, 224

255, 255, 255


 177, 255, 255

 207, 255, 255

 238, 255, 255


 117, 245, 224


 86, 216, 196

 50, 188, 169


 0, 161, 142

 0, 134, 117

 0, 108, 92

 0, 83, 69

 0, 59, 47

 0, 38, 26

 0, 0, 0

■ 117, 245, 224

■ 117, 245, 224

■ 93, 245, 220

■ 142, 245, 228

■ 68, 245, 216

■ 166, 245, 232

■ 44, 245, 212

■ 191, 245, 236

■ 19, 245, 208

■ 215, 245, 240

■ 0, 245, 205

■ 240, 245, 244

■ 255, 245, 248

■ 255, 245, 252

■ 255, 245, 255

Harmonies

Analogous

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



163, 241, 185



117, 245, 224



89, 244, 255

Triad

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



117, 245, 224



231, 213, 255



255, 209, 157

Complementary

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



117, 245, 224



245, 117, 138

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, 198, 186



117, 245, 224



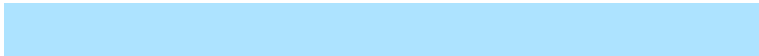
255, 201, 255

Square

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



117, 245, 224



173, 227, 255



255, 195, 224



249, 222, 146

Rectangle

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



117, 245, 224



101, 240, 255



255, 195, 224



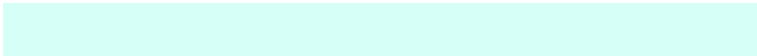
255, 205, 165

Sweetspot

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



117, 245, 224



214, 255, 248



138, 245, 117



103, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



117, 245, 224



94, 255, 229



117, 202, 245



110, 122, 120



0, 186, 156



0, 59, 49

Inverse Universe

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



245, 117, 138



255, 94, 121



245, 160, 117



122, 110, 112



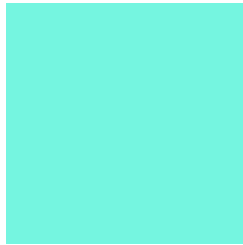
186, 0, 31



59, 0, 10

Previews

White Background



This preview shows how the RGB color 117, 245, 224 looks on a white background.

Color Contrast Check

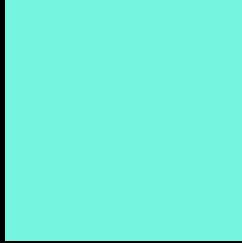
Large Text (above 18pt) WCAG AA × Fail

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 117, 245, 224 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 117, 245, 224 Background



This preview shows how black text looks on a background with the RGB color 117, 245, 224.

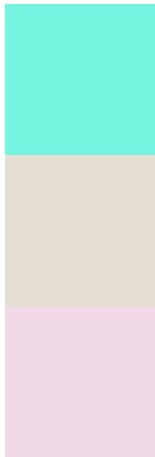


This preview shows how white text looks on a background with the RGB color 117, 245, 224.

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
117, 245, 224

Protanopia
229, 222, 211

Deuteranopia
240, 216, 230



Tritanopia
144, 238, 255

Trichromacy



Original Color

117, 245, 224



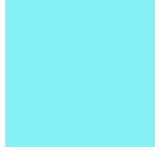
Protanomaly

188, 230, 216



Deuteranomaly

195, 227, 228



Tritanomaly

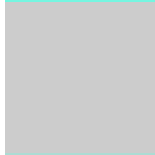
134, 241, 244

Monochromacy



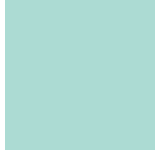
Original Color

117, 245, 224



Achromatopsia

204, 204, 204



Achromatomaly

172, 219, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 245, 224 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(117, 245, 224)` looks like.

```
.text, #text, p{  
    color:rgb(117, 245, 224)  
}
```

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(117, 245, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 245, 224) }
```

Border

The CSS property to change the border of an element to RGB 117, 245, 224 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(117, 245, 224) }
```

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

```
.border{ border-color:rgb(117, 245, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 245, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 245, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 245, 224);  
box-shadow:4px 4px 4px 4px rgb(117, 245,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 117, 245, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 245, 224) }
```

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

```
.background{ background-color: rgb(117,  
245, 224) }
```

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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