

Converting Colors

RGB(117, 235, 188)

Have a look what the booklet for
RGB(117, 235, 188) contains.

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Color

RGB(117, 235, 188)

Conversions

Conversions Part 1

Format	Color
Hex	75EBBC
RGB	117, 235, 188
RGB Percent	46%, 92%, 74%
CMY	0.5412, 0.0784, 0.2627
CMYK	0.50, 0.00, 0.20, 0.08
HSL	156°, 75%, 69%
HSV	156°, 50%, 92%
XYZ	46.1215, 66.8294, 58.0455
YIQ	194.3600, -55.2410, -39.6330

Conversions

Conversions Part 2

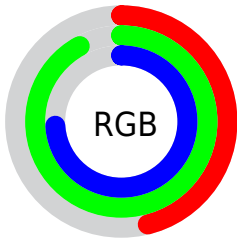
Format	Color
RYB	117, 191, 235
Decimal	7728060
CIELab	85.42, -44.24, 12.69
CIElCh	85, 46.021, 163.994
Yxy	66.8294, 0.2697, 0.3908
Android (android.graphics.Color)	4285918140 (0xFF75EBBC)
YUV	194.3600, -3.1355, -67.8447
Hunter-Lab	81.7493, -42.3545, 15.1261

Details

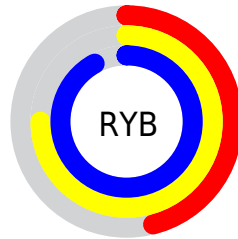
The RGB color **117, 235, 188** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **235, 117, 164**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **175, 255, 244**, and **55, 178, 135** is the 20% darker color. If you saturate the color by 10%, you get **94, 235, 179**, and if you desaturate by 10%, it is **141, 235, 197**.

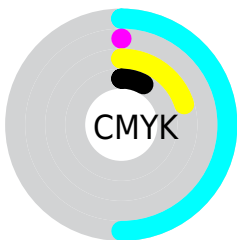
Distribution



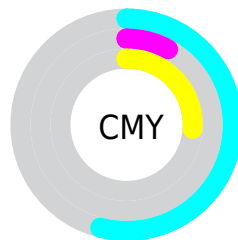
- Red (46%)
- Green (92%)
- Blue (74%)



- Red (46%)
- Yellow (75%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (54%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 235, 188 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, 235, 188 by changing the saturation by 10% instead.

 117, 235, 188

255, 255, 255


 175, 255, 244

 205, 255, 255


 235, 255, 255

 117, 235, 188

 87, 206, 161

 55, 178, 135

 4, 151, 109

 0, 125, 85

 0, 99, 62

 0, 74, 40

 0, 50, 19

 0, 27, 0

 0, 0, 0

 117, 235, 188

 117, 235, 188

 94, 235, 179

 141, 235, 197

 70, 235, 169

 164, 235, 207

 47, 235, 160

 187, 235, 216

 23, 235, 151

 211, 235, 225

 0, 235, 141

 235, 235, 235

 255, 235, 244

 255, 235, 254

 255, 235, 255

Harmonies

Analogous

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



173, 228, 149



117, 235, 188



45, 237, 233

Triad

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



117, 235, 188



183, 211, 255



255, 188, 155

Complementary

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



117, 235, 188



235, 117, 164

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, 180, 194



117, 235, 188



244, 195, 255

Square

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



117, 235, 188



106, 225, 255



255, 182, 239



255, 203, 130

Rectangle

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



117, 235, 188



0, 235, 255



255, 182, 239



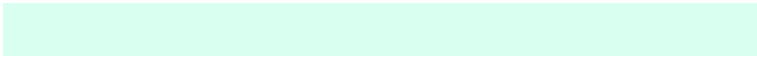
255, 184, 167

Sweetspot

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



117, 235, 188



217, 255, 240



164, 235, 117



105, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



117, 235, 188



102, 255, 194



117, 223, 235



106, 117, 113



0, 181, 109



0, 54, 32

Inverse Universe

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



235, 117, 164



255, 102, 163



235, 129, 117



117, 106, 110



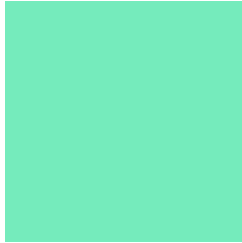
181, 0, 72



54, 0, 21

Previews

White Background



This preview shows how the RGB color 117, 235, 188 looks on a white background.

Color Contrast Check

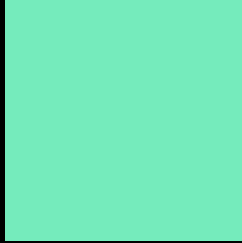
Large Text (above 18pt) WCAG AA × Fail

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, 235, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

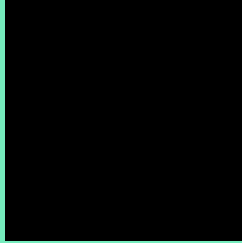
Any Text WCAG AA ✓ Pass

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, 235, 188 Background



This preview shows how black text looks on a background with the RGB color 117, 235, 188.

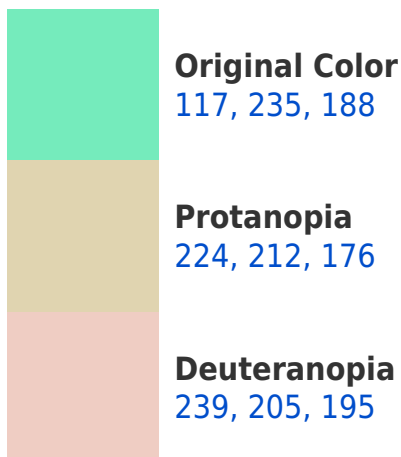


This preview shows how white text looks on a background with the RGB color 117, 235, 188.

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
133, 227, 245

Trichromacy



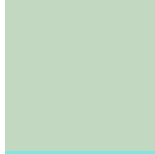
Original Color

117, 235, 188



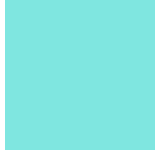
Protanomaly

185, 220, 180



Deuteranomaly

195, 216, 192



Tritanomaly

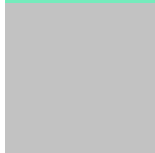
127, 230, 224

Monochromacy



Original Color

117, 235, 188



Achromatopsia

194, 194, 194



Achromatomaly

166, 209, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 235, 188 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, 235, 188)` looks like.

```
.text, #text, p{  
    color:rgb(117, 235, 188)  
}
```

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, 235, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 235, 188) }
```

Border

The CSS property to change the border of an element to RGB 117, 235, 188 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, 235, 188) }
```

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

```
.border{ border-color:rgb(117, 235, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 235, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 235, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 235, 188);  
box-shadow:4px 4px 4px 4px rgb(117, 235,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 117, 235, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 235, 188) }
```

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

```
.background{ background-color: rgb(117,  
235, 188) }
```

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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