

Converting Colors

RGB(118, 233, 225)

Have a look what the booklet for
RGB(118, 233, 225) contains.

RGB(118, 233, 225)	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(118, 233, 225)

Conversions

Conversions Part 1

Format	Color
Hex	76E9E1
RGB	118, 233, 225
RGB Percent	46%, 91%, 88%
CMY	0.5373, 0.0863, 0.1176
CMYK	0.49, 0.00, 0.03, 0.09
HSL	176°, 72%, 69%
HSV	176°, 49%, 91%
XYZ	50.2007, 67.5656, 81.6298
YIQ	197.7030, -65.9720, -26.8680

Conversions

Conversions Part 2

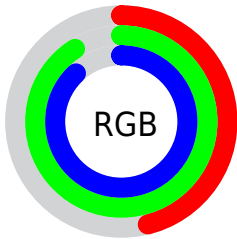
Format	Color
RYB	118, 178, 233
Decimal	7793121
CIELab	85.79, -34.58, -6.19
CIElCh	86, 35.128, 190.149
Yxy	67.5656, 0.2518, 0.3389
Android (android.graphics.Color)	4285983201 (0xFF76E9E1)
YUV	197.7030, 13.4574, -69.8995
Hunter-Lab	82.1983, -34.8323, -1.3411

Details

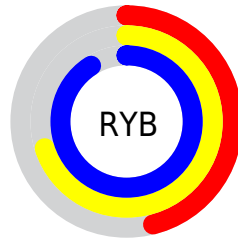
The RGB color **118, 233, 225** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **233, 118, 126**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **177, 255, 255**, and **54, 177, 170** is the 20% darker color. If you saturate the color by 10%, you get **95, 233, 223**, and if you desaturate by 10%, it is **141, 233, 227**.

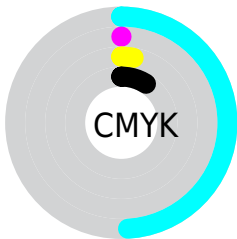
Distribution



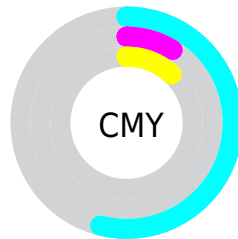
- Red (46%)
- Green (91%)
- Blue (88%)



- Red (46%)
- Yellow (70%)
- Blue (91%)



- Cyan (49%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (54%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 118, 233, 225 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 118, 233, 225 by changing the saturation by 10% instead.

 118, 233, 225

255, 255, 255


 177, 255, 255

 207, 255, 255

 237, 255, 255


 118, 233, 225

 88, 205, 197

 54, 177, 170

 0, 150, 143

 0, 124, 118

 0, 98, 93

 0, 74, 70

 0, 50, 47

 0, 29, 27

 0, 0, 0

■ 118, 233, 225

■ 118, 233, 225

■ 95, 233, 223

■ 141, 233, 227

■ 71, 233, 222

■ 165, 233, 228

■ 48, 233, 220

■ 188, 233, 230

■ 25, 233, 219

■ 211, 233, 231

■ 2, 233, 217

■ 235, 233, 233

■ 0, 233, 217

■ 255, 233, 235

■ 255, 233, 236

■ 255, 233, 238

■ 255, 233, 240

Harmonies

Analogous

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



151, 231, 191



118, 233, 225



110, 231, 255

Triad

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



118, 233, 225



234, 202, 255



255, 205, 153

Complementary

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



118, 233, 225



233, 118, 126

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, 195, 173



118, 233, 225



255, 193, 238

Square

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



118, 233, 225



188, 214, 255



255, 190, 204



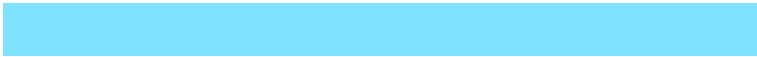
227, 216, 149

Rectangle

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



118, 233, 225



127, 227, 255



255, 190, 204



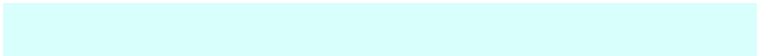
255, 201, 158

Sweetspot

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



118, 233, 225



217, 255, 252



128, 233, 118



105, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



118, 233, 225



105, 255, 245



118, 185, 233



106, 117, 116



0, 181, 168



0, 54, 50

Inverse Universe

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



233, 118, 126



255, 105, 115



233, 166, 118



117, 106, 106



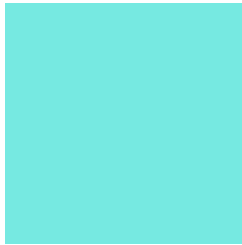
181, 0, 13



54, 0, 4

Previews

White Background



This preview shows how the RGB color 118, 233, 225 looks on a white background.

Color Contrast Check

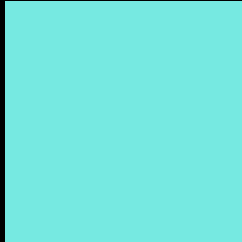
Large Text (above 18pt) WCAG AA × Fail

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 118, 233, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

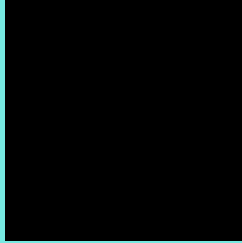
Any Text WCAG AA ✓ Pass

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 118, 233, 225 Background



This preview shows how black text looks on a background with the RGB color 118, 233, 225.

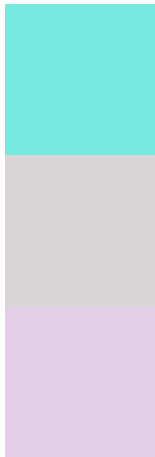


This preview shows how white text looks on a background with the RGB color 118, 233, 225.

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
118, 233, 225

Protanopia
217, 212, 213

Deuteranopia
226, 207, 231



Tritanopia
126, 230, 248

Trichromacy



Original Color

118, 233, 225



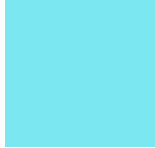
Protanomaly

181, 220, 217



Deuteranomaly

187, 216, 229



Tritanomaly

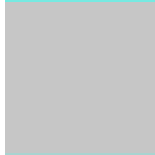
123, 231, 240

Monochromacy



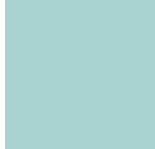
Original Color

118, 233, 225



Achromatopsia

198, 198, 198



Achromatomaly

169, 211, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 233, 225 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(118, 233, 225)` looks like.

```
.text, #text, p{  
    color:rgb(118, 233, 225)  
}
```

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(118, 233, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 233, 225) }
```

Border

The CSS property to change the border of an element to RGB 118, 233, 225 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(118, 233, 225) }
```

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

```
.border{ border-color:rgb(118, 233, 225) }
```

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

Here you see how a box with a 4 pixel rgb(118, 233, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 233, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 233, 225);  
box-shadow:4px 4px 4px 4px rgb(118, 233,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 118, 233, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 233, 225) }
```

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

```
.background{ background-color: rgb(118,  
233, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor