

Converting Colors

RGB(158, 241, 239)

Have a look what the booklet for
RGB(158, 241, 239) contains.

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Color

RGB(158, 241, 239)

Conversions

Conversions Part 1

Format	Color
Hex	9EF1EF
RGB	158, 241, 239
RGB Percent	62%, 95%, 94%
CMY	0.3804, 0.0549, 0.0627
CMYK	0.34, 0.00, 0.01, 0.05
HSL	179°, 75%, 78%
HSV	179°, 34%, 95%
XYZ	61.1358, 76.4117, 93.1881
YIQ	215.9550, -48.8260, -18.2180

Conversions

Conversions Part 2

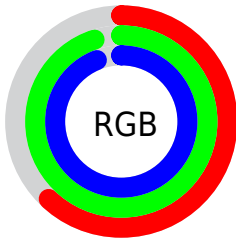
Format	Color
R _Y B	158, 200, 241
Decimal	10416623
CIE Lab	90.05, -25.51, -7.04
CIE LCh	90, 26.459, 195.436
Yxy	76.4117, 0.2650, 0.3312
Android (android.graphics.Color)	4288606703 (0xFF9EF1EF)
YUV	215.9550, 11.3612, -50.8265
Hunter-Lab	87.4138, -28.1340, -2.0169

Details

The RGB color **158, 241, 239** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **241, 158, 160**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **215, 255, 255**, and **102, 185, 183** is the 20% darker color. If you saturate the color by 10%, you get **134, 241, 238**, and if you desaturate by 10%, it is **182, 241, 240**.

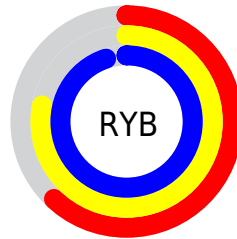
Distribution



Red (62%)

Green (95%)

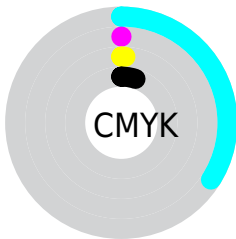
Blue (94%)



Red (62%)

Yellow (78%)

Blue (95%)

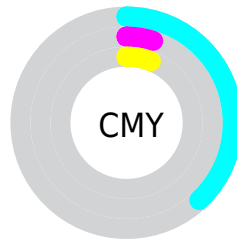


Cyan (34%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (38%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 241, 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 158, 241, 239 by changing the saturation by 10% instead.

 158, 241, 239

255, 255, 255


 215, 255, 255


 245, 255, 255

 158, 241, 239

 130, 213, 211

 102, 185, 183

 74, 158, 156


 44, 131, 130

 0, 106, 105

 0, 81, 81

 0, 58, 58

 0, 36, 37

 0, 1, 16

■ 158, 241, 239

■ 158, 241, 239

■ 134, 241, 238

■ 182, 241, 240

■ 110, 241, 238

■ 206, 241, 240

■ 86, 241, 237

■ 230, 241, 241

■ 62, 241, 237

■ 254, 241, 241

■ 38, 241, 236

■ 255, 241, 242

■ 13, 241, 236

■ 255, 241, 242

■ 0, 241, 235

■ 255, 241, 243

■ 255, 241, 244

■ 255, 241, 244

Harmonies

Analogous

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



176, 240, 213



158, 241, 239



159, 238, 255

Triad

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



158, 241, 239



247, 216, 255



255, 221, 178

Complementary

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



158, 241, 239



241, 158, 160

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, 213, 192



158, 241, 239



255, 210, 240

Square

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



158, 241, 239



214, 224, 255



255, 209, 214



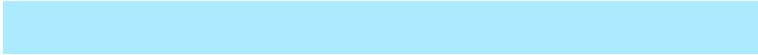
232, 229, 178

Rectangle

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



158, 241, 239



172, 235, 255



255, 209, 214



255, 218, 181

Sweetspot

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



158, 241, 239



230, 255, 254



161, 241, 158



112, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



158, 241, 239



150, 255, 252



158, 202, 241



108, 120, 120



0, 184, 179



0, 56, 55

Inverse Universe

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



241, 158, 160



255, 150, 153



241, 197, 158



120, 108, 108



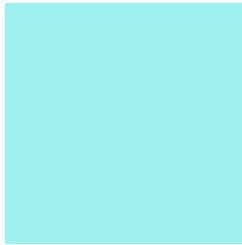
184, 0, 4



56, 0, 1

Previews

White Background



This preview shows how the RGB color 158, 241, 239 looks on a white background.

Color Contrast Check

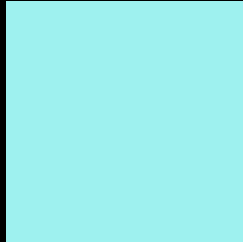
Large Text (above 18pt) WCAG AA × Fail

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 158, 241, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

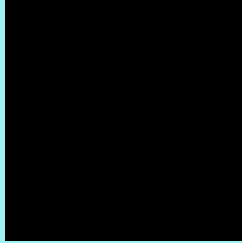
Any Text WCAG AA ✓ Pass

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 158, 241, 239 Background



This preview shows how black text looks on a background with the RGB color 158, 241, 239.

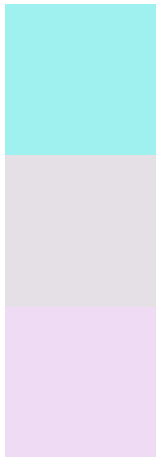


This preview shows how white text looks on a background with the RGB color 158, 241, 239.

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



Original Color
158, 241, 239

Protanopia
228, 224, 229

Deuteranopia
239, 219, 244



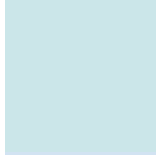
Tritanopia
169, 237, 255

Trichromacy



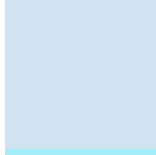
Original Color

158, 241, 239



Protanomaly

203, 230, 233



Deuteranomaly

210, 227, 242



Tritanomaly

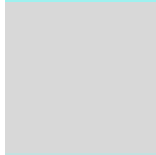
165, 238, 249

Monochromacy



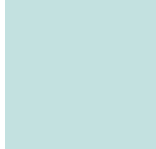
Original Color

158, 241, 239



Achromatopsia

216, 216, 216



Achromatomaly

195, 225, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 241, 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(158, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(158, 241, 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(158, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 241, 239) }
```

Border

The CSS property to change the border of an element to RGB 158, 241, 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(158, 241, 239) }
```

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

```
.border{ border-color:rgb(158, 241, 239) }
```

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

Here you see how a box with a 4 pixel rgb(158, 241, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(158, 241,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 158, 241, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 241, 239) }
```

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

```
.background{ background-color: rgb(158,  
241, 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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