

Converting Colors

RGB(157, 241, 235)

Have a look what the booklet for
RGB(157, 241, 235) contains.

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Color

RGB(157, 241, 235)

Conversions

Conversions Part 1

Format	Color
Hex	9DF1EB
RGB	157, 241, 235
RGB Percent	62%, 95%, 92%
CMY	0.3843, 0.0549, 0.0784
CMYK	0.35, 0.00, 0.02, 0.05
HSL	176°, 75%, 78%
HSV	176°, 35%, 95%
XYZ	60.3553, 76.0769, 90.1005
YIQ	215.2000, -48.1380, -19.6740

Conversions

Conversions Part 2

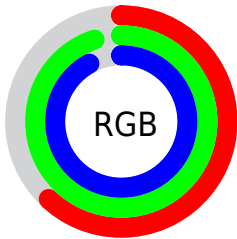
Format	Color
RYB	157, 201, 241
Decimal	10351083
CIELab	89.90, -26.68, -5.19
CIElCh	90, 27.181, 191.006
Yxy	76.0769, 0.2664, 0.3358
Android (android.graphics.Color)	4288541163 (0xFF9DF1EB)
YUV	215.2000, 9.7614, -51.0414
Hunter-Lab	87.2220, -29.1214, -0.1912

Details

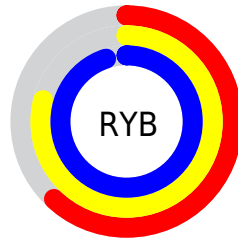
The RGB color **157, 241, 235** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **241, 157, 163**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **214, 255, 255**, and **101, 185, 179** is the 20% darker color. If you saturate the color by 10%, you get **133, 241, 233**, and if you desaturate by 10%, it is **181, 241, 237**.

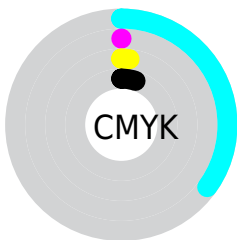
Distribution



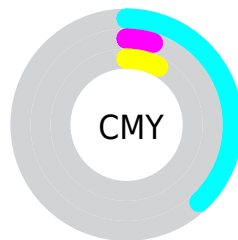
- Red (62%)
- Green (95%)
- Blue (92%)



- Red (62%)
- Yellow (79%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 241, 235 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 157, 241, 235 by changing the saturation by 10% instead.

 157, 241, 235


255, 255, 255


 214, 255, 255


 244, 255, 255

 157, 241, 235

 129, 212, 207

 101, 185, 179


 73, 158, 153

 43, 131, 127

 0, 106, 102

 0, 81, 78

 0, 58, 55

 0, 36, 34

 0, 0, 12

157, 241, 235

157, 241, 235

133, 241, 233

181, 241, 237

109, 241, 232

205, 241, 238

85, 241, 230

229, 241, 240

61, 241, 228

253, 241, 242

37, 241, 226

255, 241, 244

12, 241, 225

255, 241, 245

0, 241, 224

255, 241, 247

255, 241, 249

255, 241, 250

Harmonies

Analogous

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



178, 240, 208



157, 241, 235



155, 239, 255

Triad

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



157, 241, 235



242, 216, 255



255, 219, 178

Complementary

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



157, 241, 235



241, 157, 163

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, 211, 193



157, 241, 235



255, 209, 244

Square

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



157, 241, 235



208, 225, 255



255, 208, 217



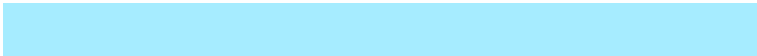
236, 227, 175

Rectangle

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



157, 241, 235



166, 236, 255



255, 208, 217



255, 216, 181

Sweetspot

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



157, 241, 235



230, 255, 253



164, 241, 157



112, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



157, 241, 235



148, 255, 247



157, 206, 241



108, 120, 119



0, 184, 170



0, 56, 52

Inverse Universe

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



241, 157, 163



255, 148, 156



241, 192, 157



120, 108, 109



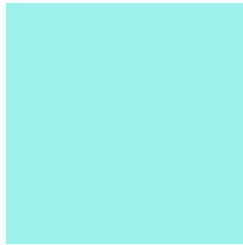
184, 0, 13



56, 0, 4

Previews

White Background



This preview shows how the RGB color 157, 241, 235 looks on a white background.

Color Contrast Check

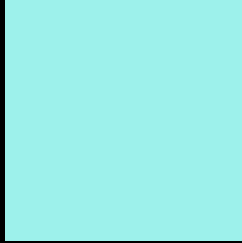
Large Text (above 18pt) WCAG AA × Fail

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 157, 241, 235 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 157, 241, 235 Background



This preview shows how black text looks on a background with the RGB color 157, 241, 235.

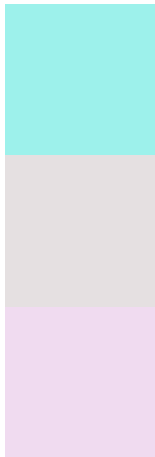


This preview shows how white text looks on a background with the RGB color 157, 241, 235.

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
157, 241, 235

Protanopia
229, 224, 225

Deuteranopia
240, 219, 240



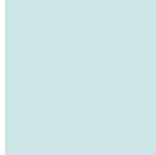
Tritanopia
167, 237, 255

Trichromacy



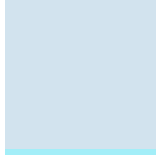
Original Color

157, 241, 235



Protanomaly

203, 230, 229



Deuteranomaly

210, 227, 238



Tritanomaly

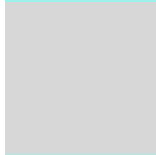
163, 238, 248

Monochromacy



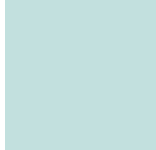
Original Color

157, 241, 235



Achromatopsia

215, 215, 215



Achromatomaly

194, 224, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 241, 235 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(157, 241, 235)` looks like.

```
.text, #text, p{  
    color:rgb(157, 241, 235)  
}
```

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(157, 241, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 241, 235) }
```

Border

The CSS property to change the border of an element to RGB 157, 241, 235 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(157, 241, 235) }
```

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

```
.border{ border-color:rgb(157, 241, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 241, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 241, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 241, 235);  
box-shadow:4px 4px 4px 4px rgb(157, 241,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 157, 241, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 241, 235) }
```

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

```
.background{ background-color: rgb(157,  
241, 235) }
```

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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