

Converting Colors

RGB(158, 234, 225)

Have a look what the booklet for
RGB(158, 234, 225) contains.

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Color

RGB(158, 234, 225)

Conversions

Conversions Part 1

Format	Color
Hex	9EEAE1
RGB	158, 234, 225
RGB Percent	62%, 92%, 88%
CMY	0.3804, 0.0824, 0.1176
CMYK	0.32, 0.00, 0.04, 0.08
HSL	173°, 64%, 77%
HSV	173°, 32%, 92%
XYZ	57.1140, 71.5510, 82.0347
YIQ	210.2500, -42.4070, -18.9110

Conversions

Conversions Part 2

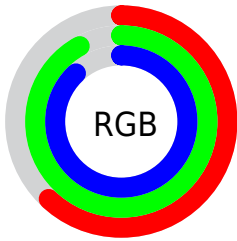
Format	Color
R_{YB}	158, 198, 234
Decimal	10414817
CIE _{Lab}	87.75, -25.28, -3.11
CIE _{LCh}	88, 25.469, 187.003
Yxy	71.5510, 0.2711, 0.3396
Android (android.graphics.Color)	4288604897 (0xFF9EEAE1)
YUV	210.2500, 7.2717, -45.8233
Hunter-Lab	84.5878, -27.5049, 1.7110

Details

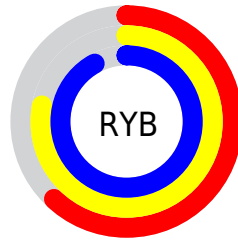
The RGB color **158, 234, 225** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **234, 158, 167**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **215, 255, 255**, and **103, 178, 170** is the 20% darker color. If you saturate the color by 10%, you get **135, 234, 222**, and if you desaturate by 10%, it is **181, 234, 228**.

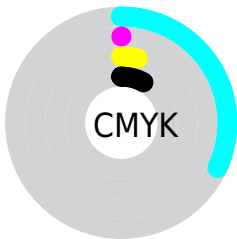
Distribution



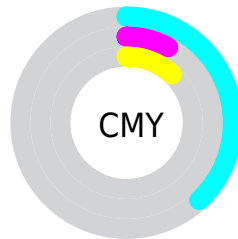
- Red (62%)
- Green (92%)
- Blue (88%)



- Red (62%)
- Yellow (78%)
- Blue (92%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (38%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 234, 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 158, 234, 225 by changing the saturation by 10% instead.

 158, 234, 225

255, 255, 255


 215, 255, 255


 244, 255, 255

 158, 234, 225

 130, 206, 197

 103, 178, 170


 76, 151, 143

 48, 125, 118

 13, 100, 93

 0, 75, 70

 0, 52, 47


 0, 32, 27


 0, 0, 0

 158, 234, 225

 158, 234, 225

 135, 234, 222

 181, 234, 228

 111, 234, 219

 205, 234, 231

 88, 234, 217

 228, 234, 233

 64, 234, 214

 252, 234, 236

 41, 234, 211

 255, 234, 239

 18, 234, 208

 255, 234, 242

 0, 234, 206

 255, 234, 244

 255, 234, 247

 255, 234, 250

Harmonies

Analogous

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



179, 232, 200



158, 234, 225



153, 232, 248

Triad

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



158, 234, 225



231, 212, 255



255, 212, 176

Complementary

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



158, 234, 225



234, 158, 167

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, 206, 192



158, 234, 225



255, 205, 239

Square

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



158, 234, 225



199, 220, 255



255, 203, 215



233, 220, 172

Rectangle

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



158, 234, 225



162, 230, 255



255, 203, 215



255, 210, 180

Sweetspot

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



158, 234, 225



230, 255, 252



168, 234, 158



112, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



158, 234, 225



156, 255, 243



158, 206, 234



106, 117, 116



0, 181, 160



0, 54, 47

Inverse Universe

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



234, 158, 167



255, 156, 167



234, 186, 158



117, 106, 107



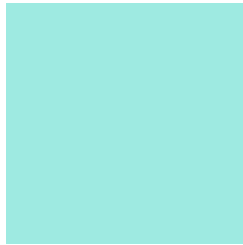
181, 0, 21



54, 0, 6

Previews

White Background



This preview shows how the RGB color 158, 234, 225 looks on a white background.

Color Contrast Check

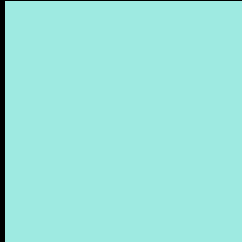
Large Text (above 18pt) WCAG AA × Fail

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 158, 234, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

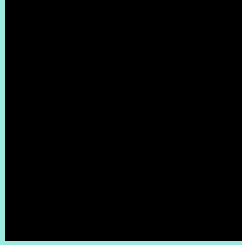
Any Text WCAG AA ✓ Pass

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 158, 234, 225 Background



This preview shows how black text looks on a background with the RGB color 158, 234, 225.

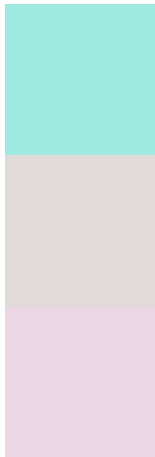


This preview shows how white text looks on a background with the RGB color 158, 234, 225.

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
158, 234, 225

Protanopia
224, 218, 216

Deuteranopia
236, 213, 229



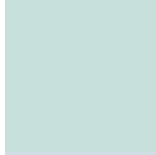
Tritanopia
164, 230, 249

Trichromacy



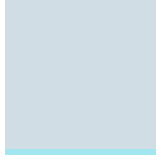
Original Color

158, 234, 225



Protanomaly

200, 224, 219



Deuteranomaly

208, 221, 228



Tritanomaly

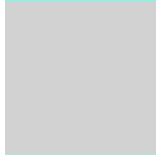
162, 231, 240

Monochromacy



Original Color

158, 234, 225



Achromatopsia

210, 210, 210



Achromatomaly

191, 219, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 234, 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(158, 234, 225)` looks like.

```
.text, #text, p{  
    color:rgb(158, 234, 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(158, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 234, 225) }
```

Border

The CSS property to change the border of an element to RGB 158, 234, 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(158, 234, 225) }
```

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

```
.border{ border-color:rgb(158, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(158, 234,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 158, 234, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 234, 225) }
```

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

```
.background{ background-color: rgb(158,  
234, 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](#).

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