Converting Colors

RGB(159, 234, 218)

Have a look what the booklet for RGB(159, 234, 218) contains.

Color

RGB(159, 234, 218)

Conversions

Conversions Part 1

Format	Color
Hex	9FEADA
RGB	159, 234, 218
RGB Percent	62%, 92%, 85%
CMY	0.3765, 0.0824, 0.1451
CMYK	0.32, 0.00, 0.07, 0.08
HSL	167°, 64%, 77%
HSV	167°, 32%, 92%
XYZ	56.3758, 71.2785, 77.1165
YIQ	209.7510, -39.5640, -20.8760

Conversions

Conversions Part 2

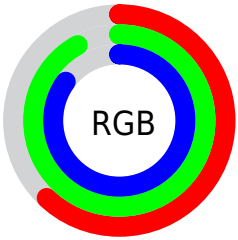
Format	Color
RYB	159, 201, 234
Decimal	10480346
CIELab	87.62, -26.54, 0.38
CIELCh	88, 26.539, 179.180
Yxy	71.2785, 0.2753, 0.3481
Android (android.graphics.Color)	4288670426 (0xFF9FEADA)
YUV	209.7510, 4.0668, -44.5086
Hunter-Lab	84.4266, -28.5534, 4.9423

Details

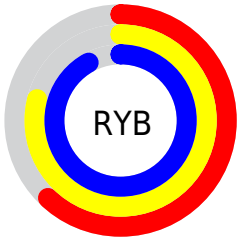
The RGB color 159, 234, 218 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 234, 159, 175, and the grayscale version is 210, 210, 210.

A 20% lighter version of the original color is 216, 255, 255, and 104, 178, 163 is the 20% darker color. If you saturate the color by 10%, you get 136, 234, 213, and if you desaturate by 10%, it is 182, 234, 223.

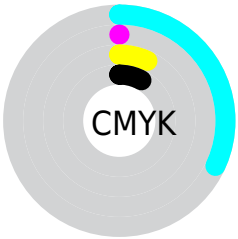
Distribution



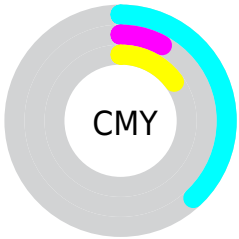
- Red (62%)
- Green (92%)
- Blue (85%)



- Red (62%)
- Yellow (79%)
- Blue (92%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (38%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 234, 218 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 159, 234, 218 by changing the saturation by 10% instead.

159, 234, 218

255, 255, 255

216, 255, 255

245, 255, 255

159, 234, 218

131, 206, 190

104, 178, 163

78, 151, 137

50, 125, 112

18, 100, 87

0, 75, 64

0, 52, 42

0, 32, 22

0, 0, 0

159, 234, 218

136, 234, 213

112, 234, 208

89, 234, 203

65, 234, 198

42, 234, 193

19, 234, 188

0, 234, 184

159, 234, 218

182, 234, 223

206, 234, 228

229, 234, 233

253, 234, 238

255, 234, 243

255, 234, 248

255, 234, 253

255, 234, 255

Harmonies

Analogous

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

183, 231, 193

159, 234, 218

148, 233, 243

Triad

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

159, 234, 218

223, 213, 255

255, 209, 177

Complementary

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

159, 234, 218

234, 159, 175

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, 203, 196

159, 234, 218

252, 206, 246

Square

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

159, 234, 218

189, 222, 255

255, 202, 221

239, 218, 169

Rectangle

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

159, 234, 218

154, 231, 255

255, 202, 221

255, 207, 182

Sweetspot

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

159, 234, 218

230, 255, 250

175, 234, 159

112, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

159, 234, 218

158, 255, 234

159, 213, 234

106, 117, 115

0, 181, 142

0, 54, 42

Inverse Universe

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

234, 159, 175

255, 158, 179

234, 180, 159

117, 106, 108

181, 0, 39

54, 0, 11

Previews

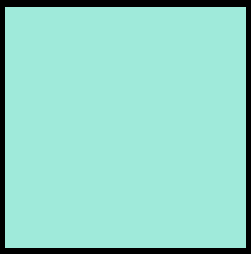
White Background

This preview shows how the RGB color 159, 234, 218 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



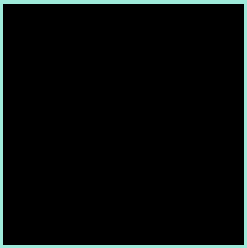
This preview shows how the RGB color 159, 234, 218 looks on a black background.

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 159, 234, 218 Background



This preview shows how black text looks on a background with the RGB color 159, 234, 218.

This preview shows how white text looks on a background with the RGB color 159, 234, 218.

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
159, 234, 218

Protanopia
225, 218, 209

Deuteranopia
238, 212, 223

Tritanopia
166, 230, 248

Trichromacy

Original Color
159, 234, 218

Protanomaly
201, 224, 212

Deuteranomaly
209, 220, 221

Tritanomaly
163, 231, 237

Monochromacy

Original Color
159, 234, 218

Achromatopsia
210, 210, 210

Achromatomaly
191, 219, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 234, 218 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(159, 234, 218) looks like.

```
.text, #text, p{
    color:rgb(159, 234, 218)
}
```

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(159, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 234, 218) }
```

Border

The CSS property to change the border of an element to RGB 159, 234, 218 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(159, 234, 218) }
```

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

```
.border{ border-color:rgb(159, 234, 218) }
```

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

Here you see how a box with a 4 pixel rgb(159, 234, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 234, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 234, 218); box-shadow:4px 4px 4px 4px rgb(159, 234, 218) }
```

Background

The CSS property to change the background color of an element to RGB 159, 234, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(159, 234, 218) }
```

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

```
.background{ background-color:rgb(159,
234, 218) }
```

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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