Converting Colors

RGB(159, 236, 219)

Have a look what the booklet for RGB(159, 236, 219) contains.

Color

RGB(159, 236, 219)

Conversions

Conversions Part 1

Format	Color
Hex	9FECDB
RGB	159, 236, 219
RGB Percent	62%, 93%, 86%
CMY	0.3765, 0.0745, 0.1412
CMYK	0.33, 0.00, 0.07, 0.07
HSL	167°, 67%, 77%
HSV	167°, 33%, 93%
XYZ	57.0797, 72.4763, 77.9987
YIQ	211.0390, -40.4350, -21.6110

Conversions

Conversions Part 2

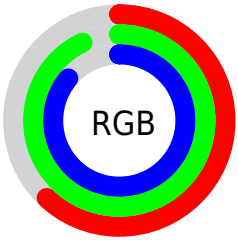
Format	Color
RYB	159, 202, 236
Decimal	10480859
CIELab	88.20, -27.28, 0.70
CIELCh	88, 27.292, 178.535
Yxy	72.4763, 0.2750, 0.3492
Android (android.graphics.Color)	4288670939 (0xFF9FECDB)
YUV	211.0390, 3.9248, -45.6382
Hunter-Lab	85.1330, -29.3027, 5.2717

Details

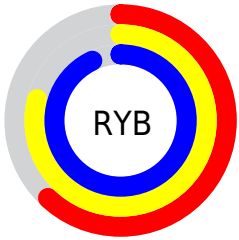
The RGB color 159, 236, 219 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 236, 159, 176, and the grayscale version is 211, 211, 211.

A 20% lighter version of the original color is 216, 255, 255, and 104, 180, 164 is the 20% darker color. If you saturate the color by 10%, you get 135, 236, 214, and if you desaturate by 10%, it is 183, 236, 224.

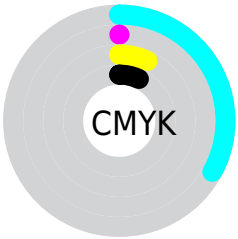
Distribution



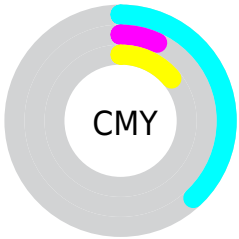
- Red (62%)
- Green (93%)
- Blue (86%)



- Red (62%)
- Yellow (79%)
- Blue (93%)



- Cyan (33%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (38%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 236, 219 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, 236, 219 by changing the saturation by 10% instead.

159, 236, 219

255, 255, 255

216, 255, 255

245, 255, 255

159, 236, 219

131, 208, 191

104, 180, 164

77, 153, 138

50, 127, 112

17, 101, 88

0, 77, 65

0, 54, 43

0, 33, 22

0, 0, 0

159, 236, 219	159, 236, 219
135, 236, 214	183, 236, 224
112, 236, 209	206, 236, 229
88, 236, 203	230, 236, 235
65, 236, 198	253, 236, 240
41, 236, 193	255, 236, 245
17, 236, 188	255, 236, 250
0, 236, 184	255, 236, 255

Harmonies

Analogous

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

184, 233, 193

159, 236, 219

148, 235, 245

Triad

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

159, 236, 219

224, 215, 255

255, 211, 178

Complementary

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

159, 236, 219

236, 159, 176

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, 204, 198

159, 236, 219

254, 207, 249

Square

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

159, 236, 219

189, 224, 255

255, 203, 224

242, 219, 170

Rectangle

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

159, 236, 219

152, 233, 255

255, 203, 224

255, 208, 183

Sweetspot

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

159, 236, 219

230, 255, 249

177, 236, 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, 236, 219

156, 255, 233

159, 215, 236

106, 117, 115

0, 181, 141

0, 54, 42

Inverse Universe

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

236, 159, 176

255, 156, 178

236, 180, 159

117, 106, 108

181, 0, 40

54, 0, 12

Previews

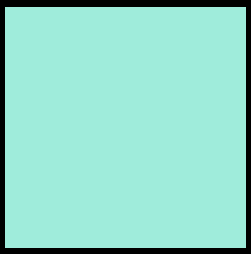
White Background

This preview shows how the RGB color 159, 236, 219 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



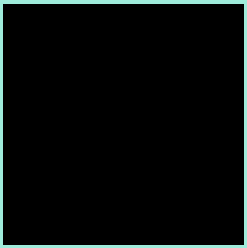
This preview shows how the RGB color 159, 236, 219 looks on a black background.

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, 236, 219 Background



This preview shows how black text looks on a background with the RGB color 159, 236, 219.

This preview shows how white text looks on a background with the RGB color 159, 236, 219.

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, 236, 219

Protanopia
227, 219, 210

Deuteranopia
240, 213, 224

Tritanopia
166, 231, 250

Trichromacy

Original Color
159, 236, 219

Protanomaly
202, 225, 213

Deuteranomaly
211, 221, 222

Tritanomaly
163, 233, 239

Monochromacy

Original Color
159, 236, 219

Achromatopsia
211, 211, 211

Achromatomaly
192, 220, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 236, 219 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, 236, 219) looks like.

```
.text, #text, p{
    color:rgb(159, 236, 219)
}
```

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, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 236, 219) }
```

Border

The CSS property to change the border of an element to RGB 159, 236, 219 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, 236, 219) }
```

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

```
.border{ border-color:rgb(159, 236, 219) }
```

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

Here you see how a box with a 4 pixel rgb(159, 236, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 236, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 236, 219); box-shadow:4px 4px 4px 4px rgb(159, 236, 219) }
```

Background

The CSS property to change the background color of an element to RGB 159, 236, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(159, 236, 219) }
```

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

```
.background{ background-color:rgb(159,
236, 219) }
```

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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