

Converting Colors

RGB(159, 244, 217)

Have a look what the booklet for
RGB(159, 244, 217) contains.

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Color

RGB(159, 244, 217)

Conversions

Conversions Part 1

Format	Color
Hex	9FF4D9
RGB	159, 244, 217
RGB Percent	62%, 96%, 85%
CMY	0.3765, 0.0431, 0.1490
CMYK	0.35, 0.00, 0.11, 0.04
HSL	161°, 79%, 79%
HSV	161°, 35%, 96%
XYZ	59.1731, 77.0820, 77.4052
YIQ	215.5070, -41.9930, -26.4170

Conversions

Conversions Part 2

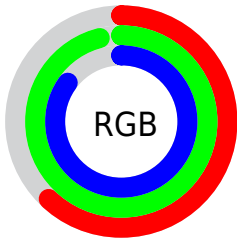
Format	Color
RYB	159, 210, 244
Decimal	10482905
CIELab	90.36, -31.51, 4.88
CIELCh	90, 31.883, 171.195
Yxy	77.0820, 0.2769, 0.3608
Android (android.graphics.Color)	4288672985 (0xFF9FF4D9)
YUV	215.5070, 0.7360, -49.5566
Hunter-Lab	87.7964, -33.3380, 9.1848

Details

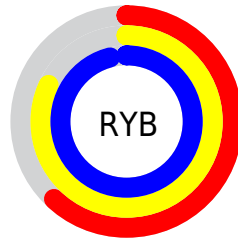
The RGB color **159, 244, 217** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **244, 159, 186**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **216, 255, 255**, and **104, 187, 162** is the 20% darker color. If you saturate the color by 10%, you get **135, 244, 209**, and if you desaturate by 10%, it is **183, 244, 225**.

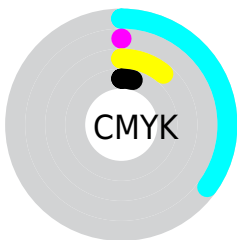
Distribution



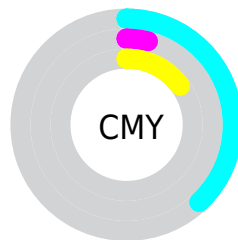
- Red (62%)
- Green (96%)
- Blue (85%)



- Red (62%)
- Yellow (82%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 244, 217 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, 244, 217 by changing the saturation by 10% instead.

 159, 244, 217


255, 255, 255


 216, 255, 255


 245, 255, 255

 159, 244, 217

 131, 215, 189

 104, 187, 162

 76, 160, 136

 48, 134, 111

 11, 108, 86

 0, 83, 63

 0, 59, 41

 0, 38, 21

 0, 2, 0

 159, 244, 217

 159, 244, 217

 135, 244, 209

 183, 244, 225

 110, 244, 201

 208, 244, 233

 86, 244, 194

 232, 244, 240

 61, 244, 186

 255, 244, 248

 37, 244, 178

 255, 244, 255

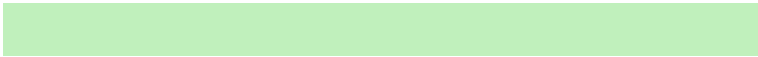
 13, 244, 170

 0, 244, 166

Harmonies

Analogous

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



192, 240, 188



159, 244, 217



138, 244, 248

Triad

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



159, 244, 217



220, 223, 255



255, 212, 181

Complementary

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



159, 244, 217



244, 159, 186

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, 207



159, 244, 217



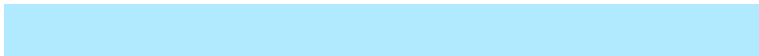
255, 212, 255

Square

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



159, 244, 217



177, 233, 255



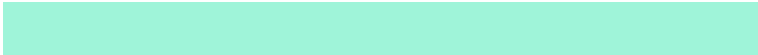
255, 206, 238



255, 222, 167

Rectangle

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



159, 244, 217



139, 242, 255



255, 206, 238



255, 210, 189

Sweetspot

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



159, 244, 217



230, 255, 247



187, 244, 159



112, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



159, 244, 217



148, 255, 221



159, 230, 244



110, 122, 119



0, 186, 127



0, 59, 40

Inverse Universe

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



244, 159, 186



255, 148, 182



244, 173, 159



122, 110, 114



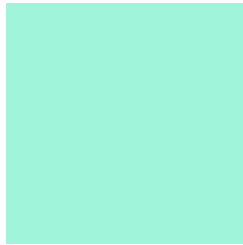
186, 0, 59



59, 0, 19

Previews

White Background



This preview shows how the RGB color 159, 244, 217 looks on a white background.

Color Contrast Check

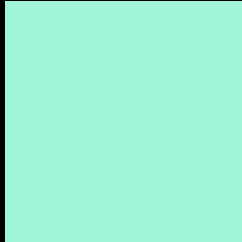
Large Text (above 18pt) WCAG AA × Fail

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, 244, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

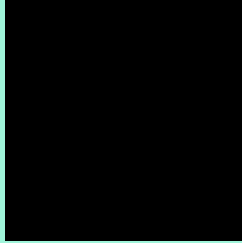
Any Text WCAG AA ✓ Pass

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, 244, 217 Background



This preview shows how black text looks on a background with the RGB color 159, 244, 217.



This preview shows how white text looks on a background with the RGB color 159, 244, 217.

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





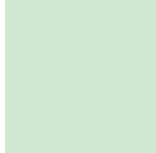
Tritanopia
174, 237, 255

Trichromacy



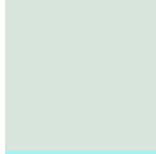
Original Color

159, 244, 217



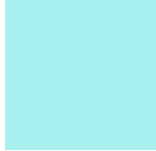
Protanomaly

207, 233, 211



Deuteranomaly

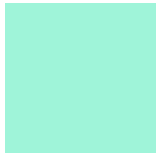
217, 228, 220



Tritanomaly

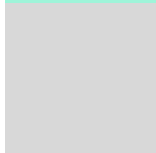
169, 240, 241

Monochromacy



Original Color

159, 244, 217



Achromatopsia

216, 216, 216



Achromatomaly

195, 226, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 244, 217 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, 244, 217)` looks like.

```
.text, #text, p{  
    color:rgb(159, 244, 217)  
}
```

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, 244, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 244, 217) }
```

Border

The CSS property to change the border of an element to RGB 159, 244, 217 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, 244, 217) }
```

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

```
.border{ border-color:rgb(159, 244, 217) }
```

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

Here you see how a box with a 4 pixel rgb(159, 244, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 244, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 244, 217);  
box-shadow:4px 4px 4px 4px rgb(159, 244,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 159, 244, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 244, 217) }
```

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

```
.background{ background-color: rgb(159,  
244, 217) }
```

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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