

Converting Colors

RGB(159, 224, 186)

Have a look what the booklet for
RGB(159, 224, 186) contains.

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Color

RGB(159, 224, 186)

Conversions

Conversions Part 1

Format	Color
Hex	9FE0BA
RGB	159, 224, 186
RGB Percent	62%, 88%, 73%
CMY	0.3765, 0.1216, 0.2706
CMYK	0.29, 0.00, 0.17, 0.12
HSL	145°, 51%, 75%
HSV	145°, 29%, 88%
XYZ	49.8167, 64.2274, 56.2259
YIQ	200.2330, -26.5420, -25.5980

Conversions

Conversions Part 2

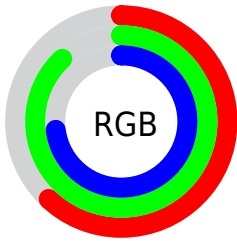
Format	Color
RYB	159, 205, 224
Decimal	10477754
CIELab	84.08, -28.26, 12.10
CIELCh	84, 30.746, 156.819
Yxy	64.2274, 0.2926, 0.3772
Android (android.graphics.Color)	4288667834 (0xFF9FE0BA)
YUV	200.2330, -7.0169, -36.1613
Hunter-Lab	80.1420, -29.2920, 14.5028

Details

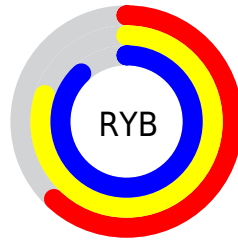
The RGB color **159, 224, 186** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **224, 159, 197**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **215, 255, 242**, and **106, 168, 133** is the 20% darker color. If you saturate the color by 10%, you get **137, 224, 173**, and if you desaturate by 10%, it is **181, 224, 199**.

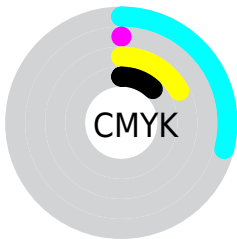
Distribution



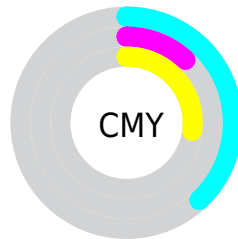
- Red (62%)
- Green (88%)
- Blue (73%)



- Red (62%)
- Yellow (80%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 224, 186 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, 224, 186 by changing the saturation by 10% instead.


 159, 224, 186

255, 255, 255


 215, 255, 242

 244, 255, 255

 159, 224, 186

 132, 196, 159

 106, 168, 133

 80, 142, 108

 54, 116, 83

 27, 91, 60

 0, 67, 38

 0, 44, 18


 0, 23, 0

 0, 0, 0

 159, 224, 186

 159, 224, 186

 137, 224, 173

 181, 224, 199

 114, 224, 160

 204, 224, 212

 92, 224, 147

 226, 224, 225

 69, 224, 134

 249, 224, 238

 47, 224, 121

 255, 224, 251

 25, 224, 107

 255, 224, 255

 2, 224, 94

 0, 224, 93

Harmonies

Analogous

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



192, 218, 163



159, 224, 186



131, 226, 216

Triad

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



159, 224, 186



183, 210, 255



255, 192, 176

Complementary

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



159, 224, 186



224, 159, 197

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, 188, 204



159, 224, 186



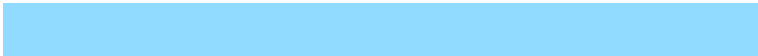
223, 200, 255

Square

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



159, 224, 186



144, 219, 255



253, 192, 233



250, 200, 157

Rectangle

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



159, 224, 186



123, 225, 235



253, 192, 233



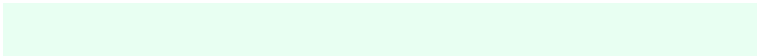
255, 190, 185

Sweetspot

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



159, 224, 186



232, 255, 242



198, 224, 159



113, 128, 119



0, 0, 0



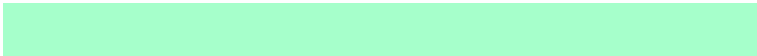
128, 128, 128

Same Dimension

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



159, 224, 186



166, 255, 203



159, 224, 218



101, 112, 106



0, 176, 73



0, 48, 20

Inverse Universe

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



224, 159, 197



255, 166, 218



224, 159, 166



112, 101, 108



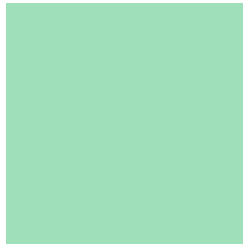
176, 0, 103



48, 0, 28

Previews

White Background



This preview shows how the RGB color 159, 224, 186 looks on a white background.

Color Contrast Check

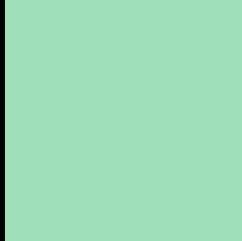
Large Text (above 18pt) WCAG AA × Fail

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, 224, 186 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

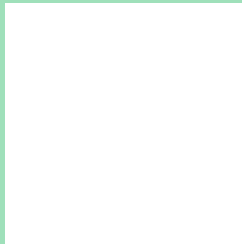
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 159, 224, 186 Background



This preview shows how black text looks on a background with the RGB color 159, 224, 186.

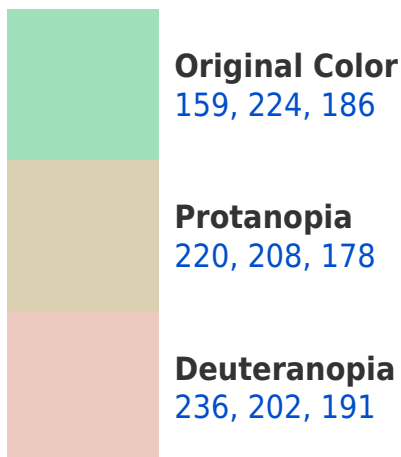


This preview shows how white text looks on a background with the RGB color 159, 224, 186.

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





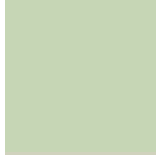
Tritanopia
169, 217, 235

Trichromacy



Original Color

159, 224, 186



Protanomaly

198, 214, 181



Deuteranomaly

208, 210, 189



Tritanomaly

165, 220, 217

Monochromacy



Original Color

159, 224, 186



Achromatopsia

200, 200, 200



Achromatomaly

185, 209, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 224, 186 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, 224, 186)` looks like.

```
.text, #text, p{  
    color:rgb(159, 224, 186)  
}
```

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, 224, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 224, 186) }
```

Border

The CSS property to change the border of an element to RGB 159, 224, 186 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, 224, 186) }
```

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

```
.border{ border-color:rgb(159, 224, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 224, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 224, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 224, 186); box-shadow:4px 4px 4px 4px rgb(159, 224, 186) }
```

Background

The CSS property to change the background color of an element to RGB 159, 224, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 224, 186) }
```

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

```
.background{ background-color: rgb(159,  
224, 186) }
```

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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