

Converting Colors

RGB(160, 249, 187)

Have a look what the booklet for
RGB(160, 249, 187) contains.

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Color

RGB(160, 249, 187)

Conversions

Conversions Part 1

Format	Color
Hex	A0F9BB
RGB	160, 249, 187
RGB Percent	63%, 98%, 73%
CMY	0.3725, 0.0235, 0.2667
CMYK	0.36, 0.00, 0.25, 0.02
HSL	138°, 88%, 80%
HSV	138°, 36%, 98%
XYZ	57.3425, 78.8128, 59.2038
YIQ	215.3210, -33.1420, -38.1500

Conversions

Conversions Part 2

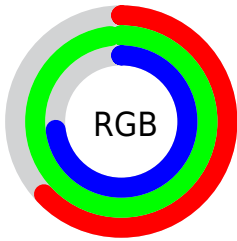
Format	Color
RYB	160, 228, 249
Decimal	10549691
CIELab	91.15, -39.36, 21.50
CIELCh	91, 44.851, 151.355
Yxy	78.8128, 0.2935, 0.4034
Android (android.graphics.Color)	4288739771 (0xFFA0F9BB)
YUV	215.3210, -13.9623, -48.5165
Hunter-Lab	88.7766, -40.0624, 22.6039

Details

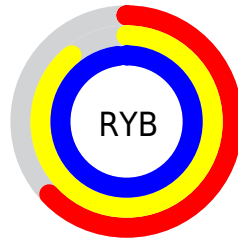
The RGB color **160, 249, 187** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **249, 160, 222**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **217, 255, 243**, and **105, 192, 134** is the 20% darker color. If you saturate the color by 10%, you get **135, 249, 170**, and if you desaturate by 10%, it is **185, 249, 204**.

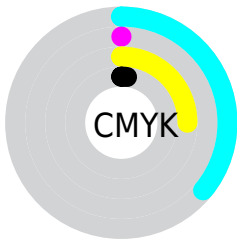
Distribution



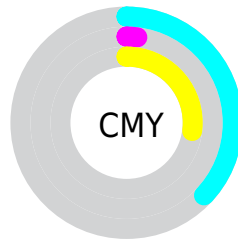
- Red (63%)
- Green (98%)
- Blue (73%)



- Red (63%)
- Yellow (89%)
- Blue (98%)



- Cyan (36%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (37%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 160, 249, 187 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 160, 249, 187 by changing the saturation by 10% instead.

 160, 249, 187


255, 255, 255


 217, 255, 243

 246, 255, 255

 160, 249, 187

 132, 220, 160

 105, 192, 134

 77, 165, 108

 49, 138, 84

 12, 112, 60

 0, 87, 37

 0, 63, 16

 0, 41, 0

 0, 8, 0

 160, 249, 187

 160, 249, 187

 135, 249, 170

 185, 249, 204

 110, 249, 152

 210, 249, 222


 85, 249, 135

 235, 249, 239

 60, 249, 118

 255, 249, 255

 36, 249, 100

 11, 249, 83

 0, 249, 76

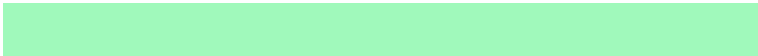
Harmonies

Analogous

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



211, 240, 155



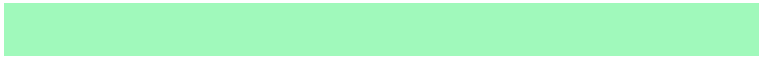
160, 249, 187



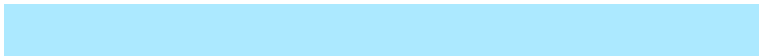
105, 253, 230

Triad

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



160, 249, 187



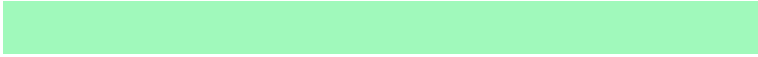
172, 233, 255



255, 200, 187

Complementary

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



160, 249, 187



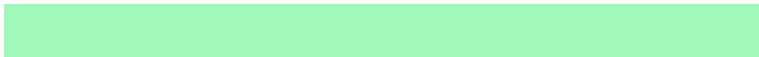
249, 160, 222

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, 196, 229



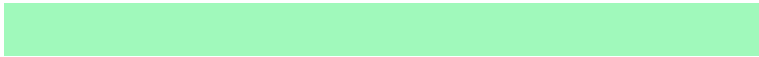
160, 249, 187



237, 218, 255

Square

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



160, 249, 187



100, 245, 255



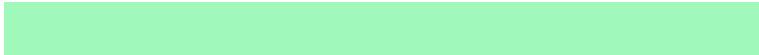
255, 203, 255



255, 213, 155

Rectangle

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



160, 249, 187



71, 253, 255



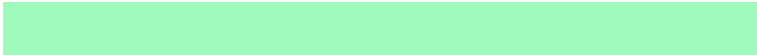
255, 203, 255



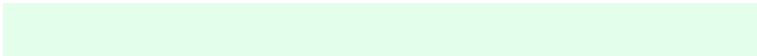
255, 198, 200

Sweetspot

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



160, 249, 187



227, 255, 235



222, 249, 160



111, 128, 116



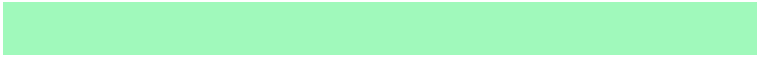
0, 0, 0



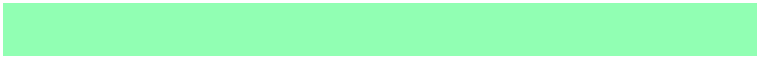
128, 128, 128

Same Dimension

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



160, 249, 187



145, 255, 179



160, 249, 231



112, 125, 116



0, 189, 57



0, 61, 19

Inverse Universe

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



249, 160, 222



255, 145, 222



249, 160, 178



125, 112, 121



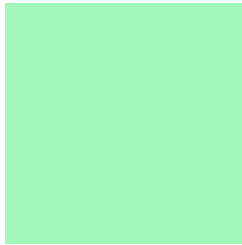
189, 0, 131



61, 0, 43

Previews

White Background



This preview shows how the RGB color 160, 249, 187 looks on a white background.

Color Contrast Check

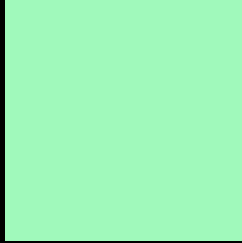
Large Text (above 18pt) WCAG AA × Fail

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 160, 249, 187 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

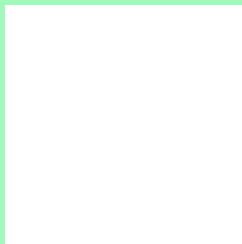
Any Text WCAG AAA ✓ Pass

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

RGB 160, 249, 187 Background



This preview shows how black text looks on a background with the RGB color 160, 249, 187.

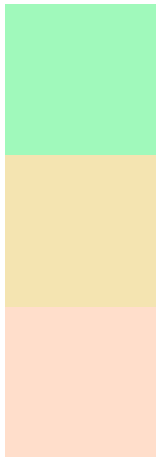


This preview shows how white text looks on a background with the RGB color 160, 249, 187.

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
160, 249, 187

Protanopia
244, 228, 177

Deuteranopia
255, 222, 203



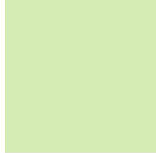
Tritanopia
183, 238, 255

Trichromacy



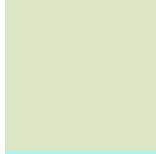
Original Color

160, 249, 187



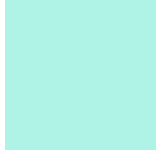
Protanomaly

213, 236, 181



Deuteranomaly

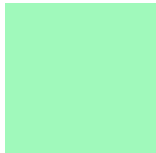
220, 232, 197



Tritanomaly

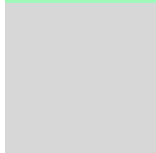
175, 242, 230

Monochromacy



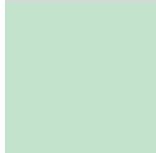
Original Color

160, 249, 187



Achromatopsia

215, 215, 215



Achromatomaly

195, 227, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 160, 249, 187 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(160, 249, 187)` looks like.

```
.text, #text, p{  
    color:rgb(160, 249, 187)  
}
```

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(160, 249, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 249, 187) }
```

Border

The CSS property to change the border of an element to RGB 160, 249, 187 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(160, 249, 187) }
```

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

```
.border{ border-color:rgb(160, 249, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 249, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 249, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 249, 187);  
box-shadow:4px 4px 4px 4px rgb(160, 249,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 160, 249, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 249, 187) }
```

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

```
.background{ background-color: rgb(160,  
249, 187) }
```

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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