

Converting Colors

RGB(157, 239, 160)

Have a look what the booklet for
RGB(157, 239, 160) contains.

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Color

RGB(157, 239, 160)

Conversions

Conversions Part 1

Format	Color
Hex	9DEFA0
RGB	157, 239, 160
RGB Percent	62%, 94%, 63%
CMY	0.3843, 0.0627, 0.3725
CMYK	0.34, 0.00, 0.33, 0.06
HSL	122°, 72%, 78%
HSV	122°, 34%, 94%
XYZ	51.1163, 71.4392, 44.3527
YIQ	205.4760, -23.5130, -41.9530

Conversions

Conversions Part 2

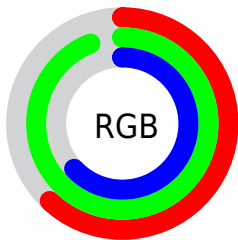
Format	Color
RYB	157, 236, 239
Decimal	10350496
CIELab	87.70, -40.36, 30.53
CIELCh	88, 50.612, 142.896
Yxy	71.4392, 0.3063, 0.4280
Android (android.graphics.Color)	4288540576 (0xFF9DEFA0)
YUV	205.4760, -22.4197, -42.5135
Hunter-Lab	84.5217, -39.9613, 28.0528

Details

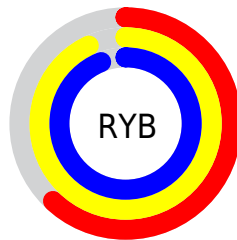
The RGB color **157, 239, 160** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **239, 157, 236**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **214, 255, 215**, and **102, 182, 108** is the 20% darker color. If you saturate the color by 10%, you get **133, 239, 137**, and if you desaturate by 10%, it is **181, 239, 183**.

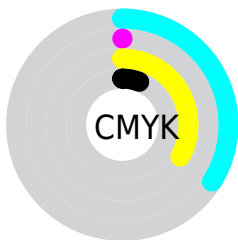
Distribution



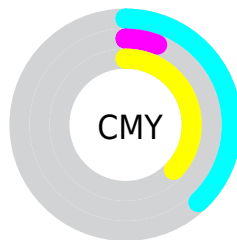
- Red (62%)
- Green (94%)
- Blue (63%)



- Red (62%)
- Yellow (93%)
- Blue (94%)



- Cyan (34%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 239, 160 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 157, 239, 160 by changing the saturation by 10% instead.

 157, 239, 160


255, 255, 255

 214, 255, 215

 243, 255, 244


 157, 239, 160

 129, 210, 133

 102, 182, 108

 75, 155, 83

 47, 129, 59

 11, 103, 35

 0, 78, 11

 0, 54, 0

 0, 34, 0

 0, 0, 0

■ 157, 239, 160

■ 157, 239, 160

■ 133, 239, 137

■ 181, 239, 183

■ 109, 239, 114

■ 205, 239, 206

■ 85, 239, 91

■ 229, 239, 229

■ 61, 239, 68

■ 253, 239, 252

■ 37, 239, 45

■ 255, 239, 255

■ 14, 239, 22

■ 0, 239, 9

Harmonies

Analogous

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



213, 228, 129



157, 239, 160



86, 245, 206

Triad

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



157, 239, 160



122, 228, 255



255, 184, 185

Complementary

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



157, 239, 160



239, 157, 236

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, 182, 233



157, 239, 160



208, 212, 255

Square

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



157, 239, 160



0, 240, 255



255, 194, 255



255, 196, 145

Rectangle

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



157, 239, 160



0, 245, 240



255, 194, 255



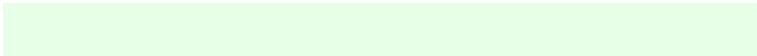
255, 182, 201

Sweetspot

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



157, 239, 160



230, 255, 230



236, 239, 157



112, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



157, 239, 160



150, 255, 154



157, 239, 201



108, 120, 108



0, 184, 7



0, 56, 2

Inverse Universe

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



239, 157, 236



255, 150, 251



239, 157, 195



120, 108, 119



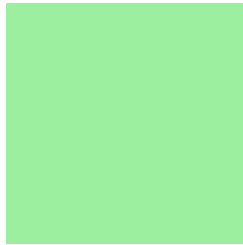
184, 0, 177



56, 0, 54

Previews

White Background



This preview shows how the RGB color 157, 239, 160 looks on a white background.

Color Contrast Check

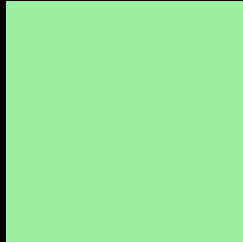
Large Text (above 18pt) WCAG AA × Fail

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 157, 239, 160 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 157, 239, 160 Background



This preview shows how black text looks on a background with the RGB color 157, 239, 160.

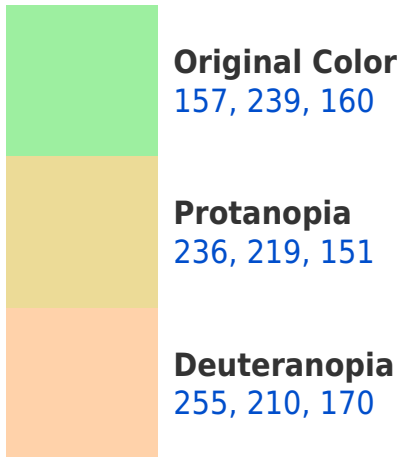


This preview shows how white text looks on a background with the RGB color 157, 239, 160.

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





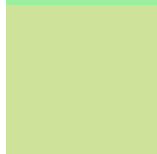
Tritanopia
173, 228, 246

Trichromacy



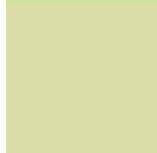
Original Color

157, 239, 160



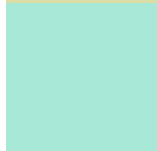
Protanomaly

207, 226, 154



Deuteranomaly

219, 221, 166



Tritanomaly

167, 232, 215

Monochromacy



Original Color

157, 239, 160



Achromatopsia

205, 205, 205



Achromatomaly

188, 217, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 239, 160 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(157, 239, 160)` looks like.

```
.text, #text, p{  
    color:rgb(157, 239, 160)  
}
```

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(157, 239, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 239, 160) }
```

Border

The CSS property to change the border of an element to RGB 157, 239, 160 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(157, 239, 160) }
```

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

```
.border{ border-color:rgb(157, 239, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 239, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 239, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 239, 160);  
box-shadow:4px 4px 4px 4px rgb(157, 239,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 157, 239, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 239, 160) }
```

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

```
.background{ background-color: rgb(157,  
239, 160) }
```

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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