

Converting Colors

RGB(153, 230, 159)

Have a look what the booklet for
RGB(153, 230, 159) contains.

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Color

RGB(153, 230, 159)

Conversions

Conversions Part 1

Format	Color
Hex	99E69F
RGB	153, 230, 159
RGB Percent	60%, 90%, 62%
CMY	0.4000, 0.0980, 0.3765
CMYK	0.33, 0.00, 0.31, 0.10
HSL	125°, 61%, 75%
HSV	125°, 33%, 90%
XYZ	47.6917, 65.8691, 43.0013
YIQ	198.8830, -23.1010, -38.4050

Conversions

Conversions Part 2

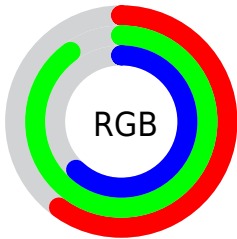
Format	Color
RYB	153, 224, 230
Decimal	10086047
CIELab	84.93, -37.72, 27.28
CIELCh	85, 46.554, 144.127
Yxy	65.8691, 0.3046, 0.4207
Android (android.graphics.Color)	4288276127 (0xFF99E69F)
YUV	198.8830, -19.6623, -40.2394
Hunter-Lab	81.1598, -37.1382, 25.3980

Details

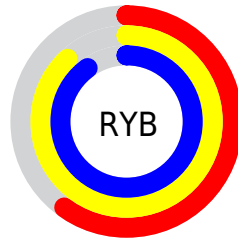
The RGB color **153, 230, 159** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **230, 153, 224**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **209, 255, 214**, and **99, 174, 107** is the 20% darker color. If you saturate the color by 10%, you get **130, 230, 138**, and if you desaturate by 10%, it is **176, 230, 180**.

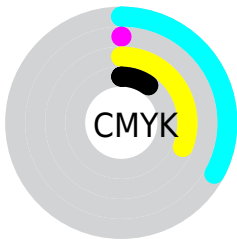
Distribution



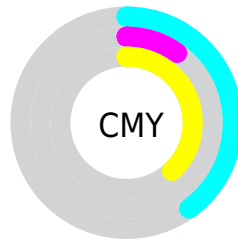
- Red (60%)
- Green (90%)
- Blue (62%)



- Red (60%)
- Yellow (88%)
- Blue (90%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (10%)



- Cyan (40%)
- Magenta (10%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 230, 159 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 153, 230, 159 by changing the saturation by 10% instead.


 153, 230, 159

 153, 230, 159


255, 255, 255

 126, 202, 133

 209, 255, 214

 99, 174, 107

 238, 255, 243

 72, 147, 82

 44, 121, 58

 10, 96, 35

 0, 71, 12

 0, 48, 0

 0, 26, 0

 0, 0, 0

■ 153, 230, 159

■ 153, 230, 159

■ 130, 230, 138

■ 176, 230, 180

■ 107, 230, 117

■ 199, 230, 201

■ 84, 230, 95

■ 222, 230, 223

■ 61, 230, 74

■ 245, 230, 244

■ 38, 230, 53

■ 255, 230, 255

■ 15, 230, 32

■ 0, 230, 18

Harmonies

Analogous

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



204, 220, 130



153, 230, 159



92, 235, 202

Triad

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



153, 230, 159



130, 219, 255



255, 180, 178

Complementary

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



153, 230, 159



230, 153, 224

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, 178, 223



153, 230, 159



204, 204, 255

Square

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



153, 230, 159



31, 230, 255



255, 188, 255



255, 191, 142

Rectangle

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



153, 230, 159



34, 236, 232



255, 188, 255



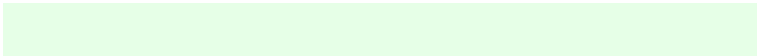
255, 178, 193

Sweetspot

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



153, 230, 159



230, 255, 231



225, 230, 153



112, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



153, 230, 159



153, 255, 161



153, 230, 197



103, 115, 104



0, 179, 14



0, 51, 4

Inverse Universe

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



230, 153, 224



255, 153, 247



230, 153, 186



115, 103, 114



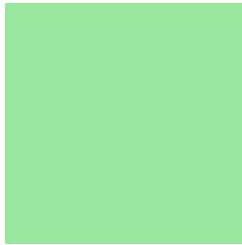
179, 0, 165



51, 0, 47

Previews

White Background



This preview shows how the RGB color 153, 230, 159 looks on a white background.

Color Contrast Check

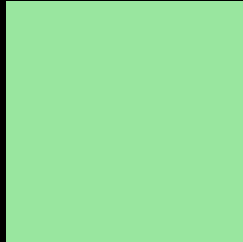
Large Text (above 18pt) WCAG AA × Fail

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 153, 230, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

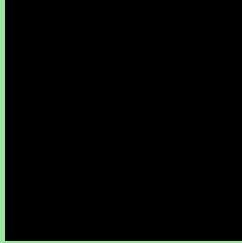
Any Text WCAG AA ✓ Pass

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 153, 230, 159 Background



This preview shows how black text looks on a background with the RGB color 153, 230, 159.

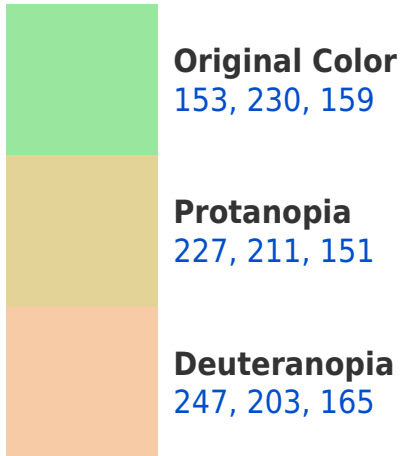


This preview shows how white text looks on a background with the RGB color 153, 230, 159.

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





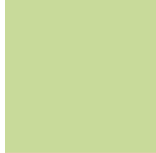
Tritanopia
168, 220, 238

Trichromacy



Original Color

153, 230, 159



Protanomaly

200, 218, 154



Deuteranomaly

213, 213, 163



Tritanomaly

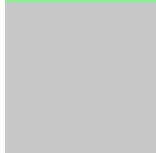
163, 224, 209

Monochromacy



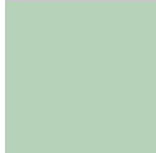
Original Color

153, 230, 159



Achromatopsia

199, 199, 199



Achromatomaly

182, 210, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 230, 159 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(153, 230, 159)` looks like.

```
.text, #text, p{  
    color:rgb(153, 230, 159)  
}
```

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(153, 230, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 230, 159) }
```

Border

The CSS property to change the border of an element to RGB 153, 230, 159 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(153, 230, 159) }
```

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

```
.border{ border-color:rgb(153, 230, 159) }
```

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

Here you see how a box with a 4 pixel rgb(153, 230, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 230, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 230, 159);  
box-shadow:4px 4px 4px 4px rgb(153, 230,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 153, 230, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 230, 159) }
```

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

```
.background{ background-color: rgb(153,  
230, 159) }
```

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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