

Converting Colors

RGB(153, 239, 165)

Have a look what the booklet for
RGB(153, 239, 165) contains.

RGB(153, 239, 165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(153, 239, 165)

Conversions

Conversions Part 1

Format	Color
Hex	99EFA5
RGB	153, 239, 165
RGB Percent	60%, 94%, 65%
CMY	0.4000, 0.0627, 0.3529
CMYK	0.36, 0.00, 0.31, 0.06
HSL	128°, 73%, 77%
HSV	128°, 36%, 94%
XYZ	50.7949, 71.2219, 46.6673
YIQ	204.8500, -27.5020, -41.2460

Conversions

Conversions Part 2

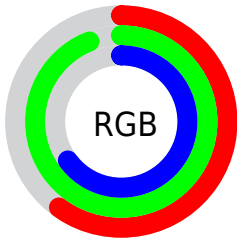
Format	Color
RYB	153, 228, 239
Decimal	10088357
CIELab	87.59, -40.77, 27.82
CIELCh	88, 49.351, 145.693
Yxy	71.2219, 0.3011, 0.4222
Android (android.graphics.Color)	4288278437 (0xFF99EFA5)
YUV	204.8500, -19.6460, -45.4724
Hunter-Lab	84.3931, -40.2515, 26.2892

Details

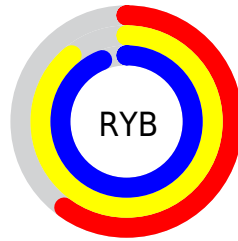
The RGB color **153, 239, 165** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **239, 153, 227**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **210, 255, 220**, and **98, 182, 113** is the 20% darker color. If you saturate the color by 10%, you get **129, 239, 144**, and if you desaturate by 10%, it is **177, 239, 186**.

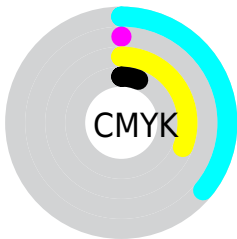
Distribution



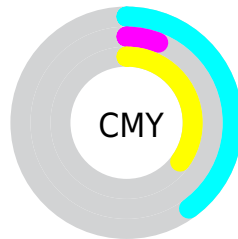
- Red (60%)
- Green (94%)
- Blue (65%)



- Red (60%)
- Yellow (89%)
- Blue (94%)



- Cyan (36%)
- Magenta (0%)
- Yellow (31%)
- Black (6%)



- Cyan (40%)
- Magenta (6%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 239, 165 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, 239, 165 by changing the saturation by 10% instead.

 153, 239, 165

255, 255, 255


 210, 255, 220


 239, 255, 249


 153, 239, 165

 125, 210, 138

 98, 182, 113

 70, 155, 88

 41, 129, 64

 0, 103, 40

 0, 78, 17

 0, 54, 0

 0, 34, 0

 0, 0, 0

■ 153, 239, 165

■ 153, 239, 165

■ 129, 239, 144

■ 177, 239, 186

■ 105, 239, 124

■ 201, 239, 206

■ 81, 239, 103

■ 225, 239, 227

■ 57, 239, 83

■ 249, 239, 247

■ 33, 239, 62

■ 255, 239, 255

■ 10, 239, 42

■ 0, 239, 33

Harmonies

Analogous

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



209, 229, 133



153, 239, 165



83, 244, 211

Triad

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



153, 239, 165



135, 226, 255



255, 185, 181

Complementary

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



153, 239, 165



239, 153, 227

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, 183, 228



153, 239, 165



215, 210, 255

Square

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



153, 239, 165



0, 238, 255



255, 193, 255



255, 198, 143

Rectangle

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



153, 239, 165



0, 244, 243



255, 193, 255



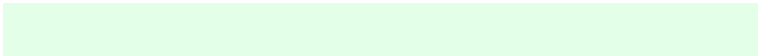
255, 183, 196

Sweetspot

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



153, 239, 165



227, 255, 231



228, 239, 153



111, 128, 113



0, 0, 0



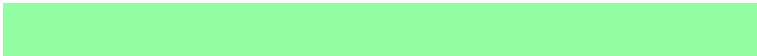
128, 128, 128

Same Dimension

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



153, 239, 165



145, 255, 161



153, 239, 207



108, 120, 110



0, 184, 26



0, 56, 8

Inverse Universe

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



239, 153, 227



255, 145, 240



239, 153, 185



120, 108, 118



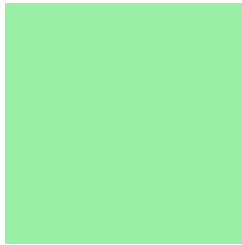
184, 0, 158



56, 0, 48

Previews

White Background



This preview shows how the RGB color 153, 239, 165 looks on a white background.

Color Contrast Check

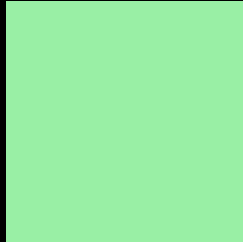
Large Text (above 18pt) WCAG AA × Fail

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, 239, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

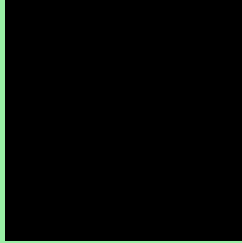
Any Text WCAG AA ✓ Pass

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, 239, 165 Background



This preview shows how black text looks on a background with the RGB color 153, 239, 165.

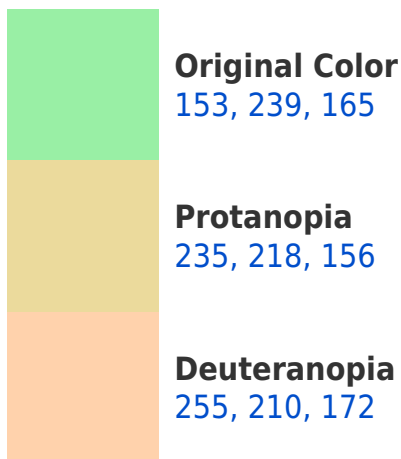


This preview shows how white text looks on a background with the RGB color 153, 239, 165.

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





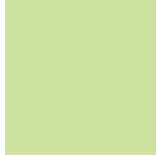
Tritanopia
169, 229, 247

Trichromacy



Original Color

153, 239, 165



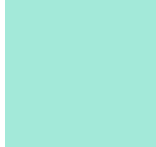
Protanomaly

205, 226, 159



Deuteranomaly

218, 221, 169



Tritanomaly

163, 233, 217

Monochromacy



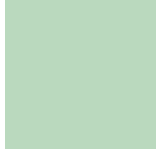
Original Color

153, 239, 165



Achromatopsia

205, 205, 205



Achromatomaly

186, 217, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 239, 165 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, 239, 165)` looks like.

```
.text, #text, p{  
    color:rgb(153, 239, 165)  
}
```

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, 239, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 239, 165) }
```

Border

The CSS property to change the border of an element to RGB 153, 239, 165 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, 239, 165) }
```

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

```
.border{ border-color:rgb(153, 239, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 239, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 239, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 239, 165);  
box-shadow:4px 4px 4px 4px rgb(153, 239,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 153, 239, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 239, 165) }
```

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

```
.background{ background-color: rgb(153,  
239, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor