

Converting Colors

RGB(153, 237, 168)

Have a look what the booklet for
RGB(153, 237, 168) contains.

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Color

RGB(153, 237, 168)

Conversions

Conversions Part 1

Format	Color
Hex	99EDA8
RGB	153, 237, 168
RGB Percent	60%, 93%, 66%
CMY	0.4000, 0.0706, 0.3412
CMYK	0.35, 0.00, 0.29, 0.07
HSL	131°, 70%, 76%
HSV	131°, 35%, 93%
XYZ	50.4889, 70.1678, 47.9285
YIQ	204.0180, -27.9150, -39.2670

Conversions

Conversions Part 2

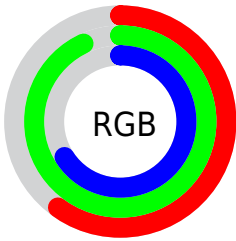
Format	Color
RYB	153, 224, 237
Decimal	10087848
CIELab	87.08, -39.37, 25.58
CIElCh	87, 46.950, 146.982
Yxy	70.1678, 0.2995, 0.4162
Android (android.graphics.Color)	4288277928 (0xFF99EDA8)
YUV	204.0180, -17.7569, -44.7428
Hunter-Lab	83.7662, -39.0025, 24.7124

Details

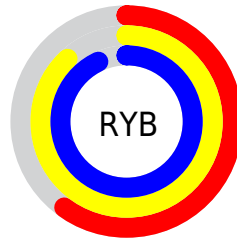
The RGB color **153, 237, 168** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **237, 153, 222**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **210, 255, 223**, and **98, 181, 116** is the 20% darker color. If you saturate the color by 10%, you get **129, 237, 149**, and if you desaturate by 10%, it is **177, 237, 187**.

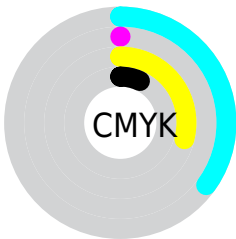
Distribution



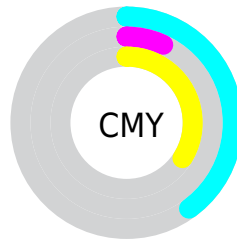
- Red (60%)
- Green (93%)
- Blue (66%)



- Red (60%)
- Yellow (88%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 237, 168 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, 237, 168 by changing the saturation by 10% instead.

 153, 237, 168


255, 255, 255


 210, 255, 223


 239, 255, 252

 153, 237, 168

 125, 208, 141

 98, 181, 116

 71, 153, 91

 42, 127, 66

 2, 101, 43

 0, 77, 21

 0, 53, 0

 0, 32, 0

 0, 0, 0

■ 153, 237, 168

■ 153, 237, 168

■ 129, 237, 149

■ 177, 237, 187

■ 106, 237, 129

■ 200, 237, 207

■ 82, 237, 110

■ 224, 237, 226

■ 58, 237, 90

■ 248, 237, 246

■ 35, 237, 71

■ 255, 237, 255

■ 11, 237, 51

■ 0, 237, 42

Harmonies

Analogous

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



206, 228, 137



153, 237, 168



90, 242, 212

Triad

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



153, 237, 168



144, 224, 255



255, 186, 180

Complementary

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



153, 237, 168



237, 153, 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, 183, 224



153, 237, 168



217, 208, 255

Square

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



153, 237, 168



53, 235, 255



255, 192, 255



255, 198, 145

Rectangle

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



153, 237, 168



33, 242, 243



255, 192, 255



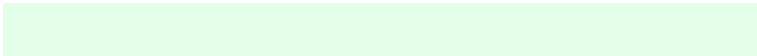
255, 184, 194

Sweetspot

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



153, 237, 168



227, 255, 232



223, 237, 153



111, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



153, 237, 168



145, 255, 165



153, 237, 209



106, 117, 108



0, 181, 32



0, 54, 10

Inverse Universe

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



237, 153, 222



255, 145, 235



237, 153, 181



117, 106, 115



181, 0, 149



54, 0, 44

Previews

White Background



This preview shows how the RGB color 153, 237, 168 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, 237, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

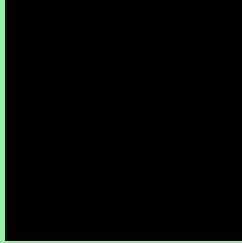
Any Text WCAG AA ✓ Pass

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, 237, 168 Background



This preview shows how black text looks on a background with the RGB color 153, 237, 168.

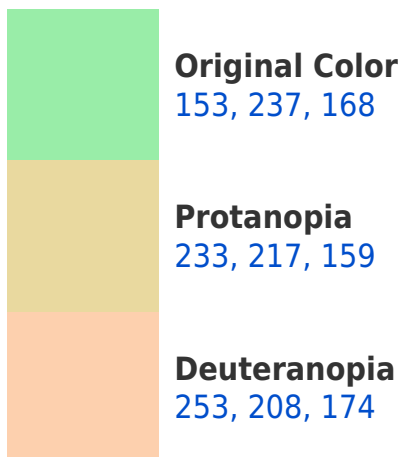


This preview shows how white text looks on a background with the RGB color 153, 237, 168.

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, 227, 245

Trichromacy



Original Color

153, 237, 168



Protanomaly

204, 224, 162



Deuteranomaly

217, 219, 172



Tritanomaly

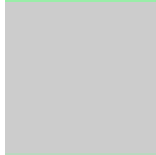
163, 231, 217

Monochromacy



Original Color

153, 237, 168



Achromatopsia

204, 204, 204



Achromatomaly

185, 216, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 237, 168 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, 237, 168)` looks like.

```
.text, #text, p{  
    color:rgb(153, 237, 168)  
}
```

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, 237, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 237, 168) }
```

Border

The CSS property to change the border of an element to RGB 153, 237, 168 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, 237, 168) }
```

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

```
.border{ border-color:rgb(153, 237, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 237, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 237, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 237, 168);  
box-shadow:4px 4px 4px 4px rgb(153, 237,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 153, 237, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 237, 168) }
```

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

```
.background{ background-color: rgb(153,  
237, 168) }
```

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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