

Converting Colors

RGB(156, 236, 156)

Have a look what the booklet for
RGB(156, 236, 156) contains.

| | |
|--|----|
| RGB(156, 236, 156) | 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(156, 236, 156)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9CEC9C |
| RGB | 156, 236, 156 |
| RGB Percent | 61%, 93%, 61% |
| CMY | 0.3882, 0.0745, 0.3882 |
| CMYK | 0.34, 0.00, 0.34, 0.07 |
| HSL | 120°, 68%, 77% |
| HSV | 120°, 34%, 93% |
| XYZ | 49.7065, 69.4591, 42.2396 |
| YIQ | 202.9600, -22.0000, -41.8400 |

Conversions

Conversions Part 2

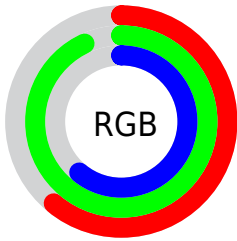
| Format | Color |
|-------------------------------------|--|
| RYB | 156, 236, 236 |
| Decimal | 10284188 |
| CIELab | 86.73, -39.97, 31.26 |
| CIELCh | 87, 50.741, 141.973 |
| Yxy | 69.4591, 0.3080, 0.4303 |
| Android (android.graphics.Color) | 4288474268 (0xFF9CEC9C) |
| YUV | 202.9600, -23.1513, -41.1839 |
| Hunter-Lab | 83.3421, -39.3887, 28.2900 |

Details

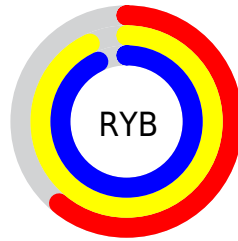
The RGB color **156, 236, 156** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **236, 156, 236**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **213, 255, 211**, and **101, 180, 104** is the 20% darker color. If you saturate the color by 10%, you get **132, 236, 132**, and if you desaturate by 10%, it is **180, 236, 180**.

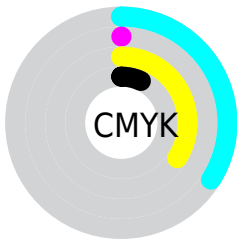
Distribution



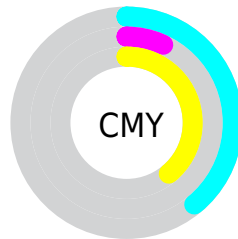
- Red (61%)
- Green (93%)
- Blue (61%)



- Red (61%)
- Yellow (93%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (7%)



- Cyan (39%)
- Magenta (7%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 236, 156 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 156, 236, 156 by changing the saturation by 10% instead.


 156, 236, 156

 156, 236, 156


255, 255, 255

 128, 207, 130


 213, 255, 211

 101, 180, 104

 242, 255, 240

 74, 153, 79

 46, 126, 55

 10, 101, 32

 0, 76, 7

 0, 52, 0

 0, 31, 0

 0, 0, 0

 156, 236, 156

 156, 236, 156

 132, 236, 132

 180, 236, 180

 109, 236, 109

 203, 236, 203

 85, 236, 85

 227, 236, 227

 62, 236, 62

 250, 236, 250

 38, 236, 38

 255, 236, 255

 14, 236, 14

 0, 236, 0

Harmonies

Analogous

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



212, 225, 126



156, 236, 156



84, 242, 202

Triad

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



156, 236, 156



115, 226, 255



255, 180, 184

Complementary

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



156, 236, 156



236, 156, 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, 180, 232



156, 236, 156



203, 210, 255

Square

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



156, 236, 156



0, 237, 255



255, 192, 255



255, 193, 143

Rectangle

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



156, 236, 156



0, 243, 235



255, 192, 255



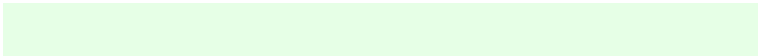
255, 179, 199

Sweetspot

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



156, 236, 156



230, 255, 230



236, 236, 156



112, 128, 112



0, 0, 0



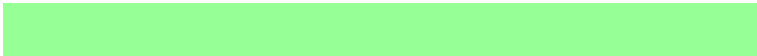
128, 128, 128

Same Dimension

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



156, 236, 156



150, 255, 150



156, 236, 196



106, 117, 106



0, 181, 0



0, 54, 0

Inverse Universe

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



236, 156, 236



255, 150, 255



236, 156, 196



117, 106, 117



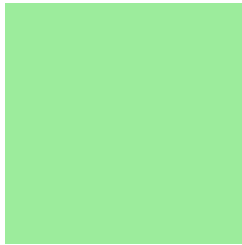
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 156, 236, 156 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 156, 236, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

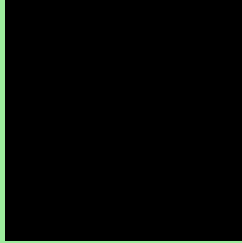
Any Text WCAG AA ✓ Pass

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 156, 236, 156 Background



This preview shows how black text looks on a background with the RGB color 156, 236, 156.

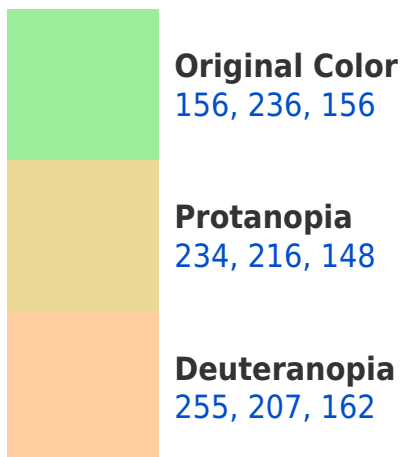


This preview shows how white text looks on a background with the RGB color 156, 236, 156.

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





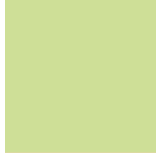
Tritanopia
172, 225, 243

Trichromacy



Original Color

156, 236, 156



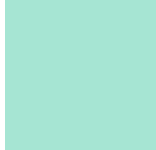
Protanomaly

206, 223, 151



Deuteranomaly

219, 218, 160



Tritanomaly

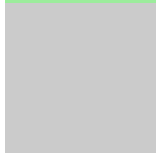
166, 229, 211

Monochromacy



Original Color

156, 236, 156



Achromatopsia

203, 203, 203



Achromatomaly

186, 215, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 236, 156 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(156, 236, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 236, 156)  
}
```

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(156, 236, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 236, 156) }
```

Border

The CSS property to change the border of an element to RGB 156, 236, 156 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(156, 236, 156) }
```

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

```
.border{ border-color:rgb(156, 236, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 236, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 236, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 236, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 236,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 156, 236, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 236, 156) }
```

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

```
.background{ background-color: rgb(156,  
236, 156) }
```

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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