

Converting Colors

RGB(156, 250, 156)

Have a look what the booklet for
RGB(156, 250, 156) contains.

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Color

RGB(156, 250, 156)

Conversions

Conversions Part 1

Format	Color
Hex	9CFA9C
RGB	156, 250, 156
RGB Percent	61%, 98%, 61%
CMY	0.3882, 0.0196, 0.3882
CMYK	0.38, 0.00, 0.38, 0.02
HSL	120°, 90%, 80%
HSV	120°, 38%, 98%
XYZ	53.8967, 77.8394, 43.6364
YIQ	211.1780, -25.8500, -49.1620

Conversions

Conversions Part 2

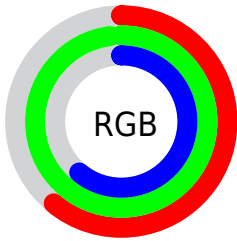
Format	Color
RYB	156, 250, 250
Decimal	10287772
CIELab	90.71, -46.09, 36.52
CIElCh	91, 58.806, 141.607
Yxy	77.8394, 0.3073, 0.4439
Android (android.graphics.Color)	4288477852 (0xFF9CFA9C)
YUV	211.1780, -27.2028, -48.3911
Hunter-Lab	88.2267, -45.3530, 32.4342

Details

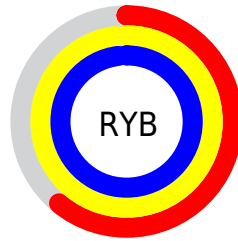
The RGB color **156, 250, 156** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **250, 156, 250**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **214, 255, 211**, and **100, 193, 104** is the 20% darker color. If you saturate the color by 10%, you get **131, 250, 131**, and if you desaturate by 10%, it is **181, 250, 181**.

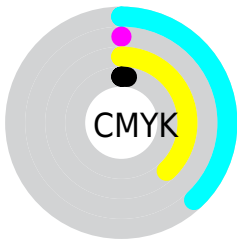
Distribution



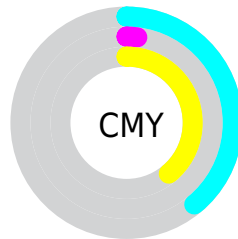
- Red (61%)
- Green (98%)
- Blue (61%)



- Red (61%)
- Yellow (98%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 250, 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, 250, 156 by changing the saturation by 10% instead.

 156, 250, 156


255, 255, 255


 214, 255, 211


 243, 255, 240


 156, 250, 156

 128, 221, 129

 100, 193, 104

 71, 165, 78

 40, 138, 54

 0, 112, 29

 0, 87, 2

 0, 63, 0


 0, 42, 0

 0, 5, 0

 156, 250, 156

 156, 250, 156

 131, 250, 131

 181, 250, 181

 106, 250, 106

 206, 250, 206

 81, 250, 81

 231, 250, 231

 56, 250, 56

 255, 250, 255

 31, 250, 31

 6, 250, 6

 0, 250, 0

Harmonies

Analogous

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



222, 238, 120



156, 250, 156



53, 255, 210

Triad

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



156, 250, 156



91, 239, 255



255, 184, 190

Complementary

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



156, 250, 156



250, 156, 250

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, 247



156, 250, 156



208, 220, 255

Square

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



156, 250, 156



0, 252, 255



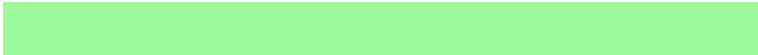
255, 198, 255



255, 199, 142

Rectangle

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



156, 250, 156



0, 255, 249



255, 198, 255



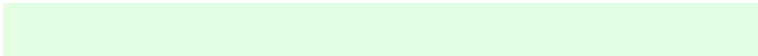
255, 182, 208

Sweetspot

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



156, 250, 156



227, 255, 227



250, 250, 156



111, 128, 111



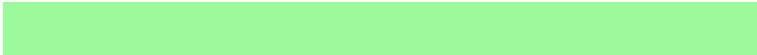
0, 0, 0



128, 128, 128

Same Dimension

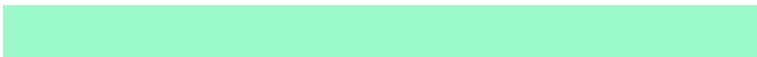
The Same Dimension uses a secret algorithm to generate beautiful new colors.



156, 250, 156



140, 255, 140



156, 250, 203



112, 125, 112



0, 189, 0



0, 61, 0

Inverse Universe

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



250, 156, 250



255, 140, 255



250, 156, 203



125, 112, 125



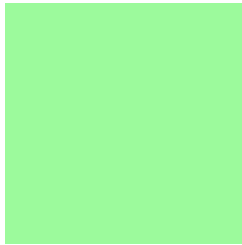
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RGB color 156, 250, 156 looks on a white background.

Color Contrast Check

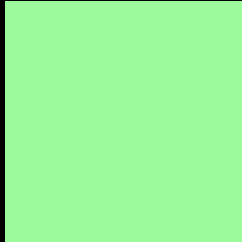
Large Text (above 18pt) WCAG AA × Fail

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, 250, 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

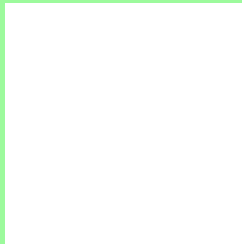
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 156, 250, 156 Background



This preview shows how black text looks on a background with the RGB color 156, 250, 156.

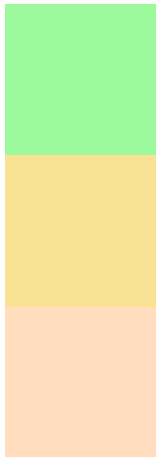


This preview shows how white text looks on a background with the RGB color 156, 250, 156.

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



Original Color
156, 250, 156

Protanopia
247, 227, 147

Deuteranopia
255, 221, 190



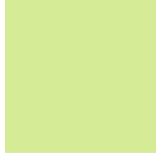
Tritanopia
180, 237, 255

Trichromacy



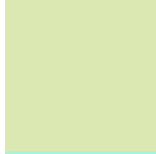
Original Color

156, 250, 156



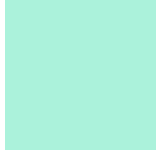
Protanomaly

214, 235, 150



Deuteranomaly

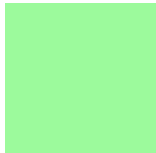
219, 232, 178



Tritanomaly

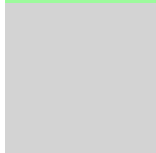
171, 242, 219

Monochromacy



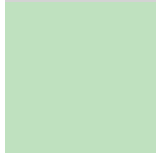
Original Color

156, 250, 156



Achromatopsia

211, 211, 211



Achromatomaly

191, 225, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 250, 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, 250, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 250, 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, 250, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 250, 156) }
```

Border

The CSS property to change the border of an element to RGB 156, 250, 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, 250, 156) }
```

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

```
.border{ border-color:rgb(156, 250, 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, 250, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 250, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 250, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 250,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 156, 250, 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, 250, 156) }
```

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

```
.background{ background-color: rgb(156,  
250, 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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