

Converting Colors

RGB(156, 254, 201)

Have a look what the booklet for
RGB(156, 254, 201) contains.

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Color

RGB(156, 254, 201)

Conversions

Conversions Part 1

Format	Color
Hex	9CFEC9
RGB	156, 254, 201
RGB Percent	61%, 100%, 79%
CMY	0.3882, 0.0039, 0.2118
CMYK	0.39, 0.00, 0.21, 0.00
HSL	148°, 98%, 80%
HSV	148°, 39%, 100%
XYZ	59.6947, 82.1686, 67.9722
YIQ	218.6560, -41.3950, -37.2590

Conversions

Conversions Part 2

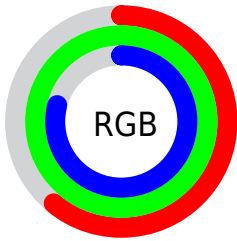
Format	Color
RYB	156, 223, 254
Decimal	10288841
CIELab	92.65, -40.13, 16.40
CIELCh	93, 43.347, 157.775
Yxy	82.1686, 0.2845, 0.3916
Android (android.graphics.Color)	4288478921 (0xFF9CFEC9)
YUV	218.6560, -8.7044, -54.9493
Hunter-Lab	90.6469, -41.0824, 18.9938

Details

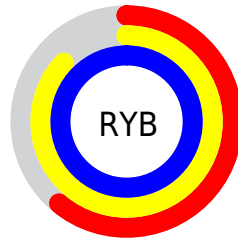
The RGB color **156, 254, 201** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **254, 156, 209**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **213, 255, 255**, and **100, 197, 147** is the 20% darker color. If you saturate the color by 10%, you get **131, 254, 187**, and if you desaturate by 10%, it is **181, 254, 215**.

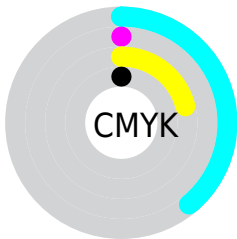
Distribution



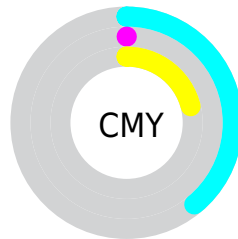
- Red (61%)
- Green (100%)
- Blue (79%)



- Red (61%)
- Yellow (87%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 254, 201 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, 254, 201 by changing the saturation by 10% instead.


 156, 254, 201

 156, 254, 201


255, 255, 255


 128, 225, 174


 213, 255, 255


 100, 197, 147

 243, 255, 255

 71, 169, 121

 41, 142, 96

 0, 116, 72

 0, 91, 49

 0, 66, 28

 0, 44, 4

 0, 17, 0

■ 156, 254, 201

■ 156, 254, 201

■ 131, 254, 187

■ 181, 254, 215

■ 105, 254, 174

■ 207, 254, 228

■ 80, 254, 160

■ 232, 254, 242

■ 54, 254, 146

255, 254, 255

■ 29, 254, 132

■ 4, 254, 119

■ 0, 254, 117

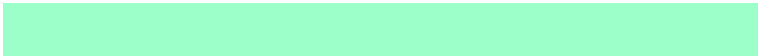
Harmonies

Analogous

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



206, 247, 167



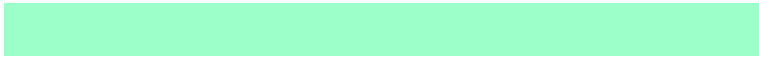
156, 254, 201



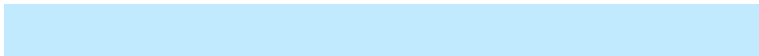
106, 255, 244

Triad

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



156, 254, 201



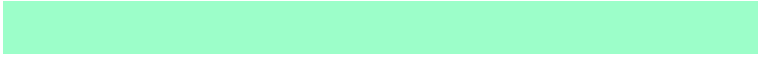
193, 234, 255



255, 208, 185

Complementary

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



156, 254, 201



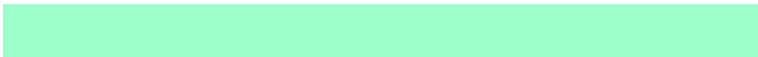
254, 156, 209

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, 202, 224



156, 254, 201



253, 219, 255

Square

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



156, 254, 201



127, 247, 255



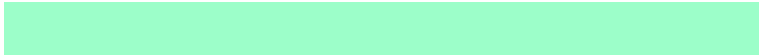
255, 207, 255



255, 221, 157

Rectangle

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



156, 254, 201



84, 255, 255



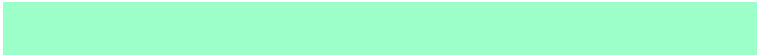
255, 207, 255



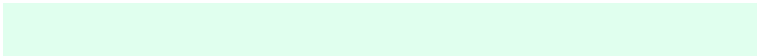
255, 205, 197

Sweetspot

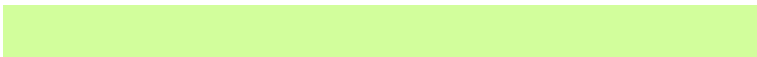
The Sweet Spot groups the original color and five complimentary colors.



156, 254, 201



224, 255, 238



210, 254, 156



110, 128, 118



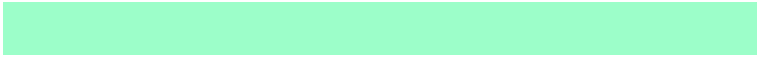
0, 0, 0



128, 128, 128

Same Dimension

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



156, 254, 201



138, 255, 192



156, 254, 249



115, 128, 121



0, 191, 88



0, 64, 29

Inverse Universe

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



254, 156, 209



255, 138, 201



254, 156, 161



128, 115, 122



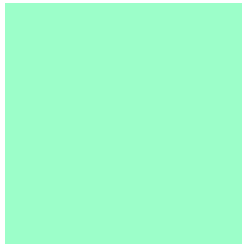
191, 0, 103



64, 0, 34

Previews

White Background



This preview shows how the RGB color 156, 254, 201 looks on a white background.

Color Contrast Check

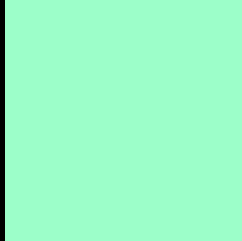
Large Text (above 18pt) WCAG AA × Fail

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, 254, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

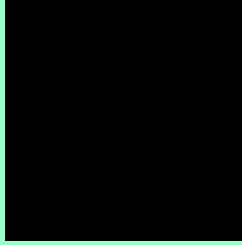
Any Text WCAG AA ✓ Pass

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, 254, 201 Background



This preview shows how black text looks on a background with the RGB color 156, 254, 201.

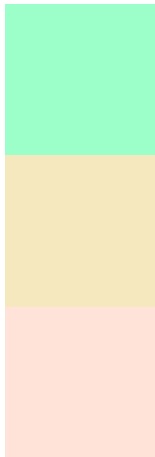


This preview shows how white text looks on a background with the RGB color 156, 254, 201.

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, 254, 201

Protanopia
246, 232, 190

Deuteranopia
255, 227, 216



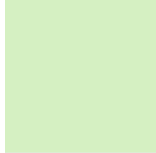
Tritanopia
194, 241, 255

Trichromacy



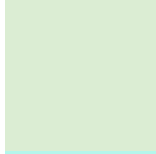
Original Color

156, 254, 201



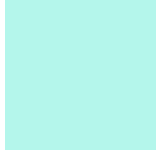
Protanomaly

213, 240, 194



Deuteranomaly

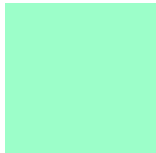
219, 237, 211



Tritanomaly

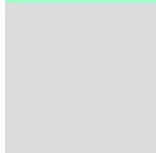
180, 246, 235

Monochromacy



Original Color

156, 254, 201



Achromatopsia

219, 219, 219



Achromatomaly

196, 232, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 254, 201 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, 254, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 254, 201)  
}
```

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, 254, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 254, 201) }
```

Border

The CSS property to change the border of an element to RGB 156, 254, 201 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, 254, 201) }
```

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

```
.border{ border-color:rgb(156, 254, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 254, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 254, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 254, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 254,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 156, 254, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 254, 201) }
```

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

```
.background{ background-color: rgb(156,  
254, 201) }
```

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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