

Converting Colors

RGB(156, 252, 210)

Have a look what the booklet for
RGB(156, 252, 210) contains.

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Color

RGB(156, 252, 210)

Conversions

Conversions Part 1

Format	Color
Hex	9CFCD2
RGB	156, 252, 210
RGB Percent	61%, 99%, 82%
CMY	0.3882, 0.0118, 0.1765
CMYK	0.38, 0.00, 0.17, 0.01
HSL	154°, 94%, 80%
HSV	154°, 38%, 99%
XYZ	60.1536, 81.3419, 73.5029
YIQ	218.5080, -43.7340, -33.4140

Conversions

Conversions Part 2

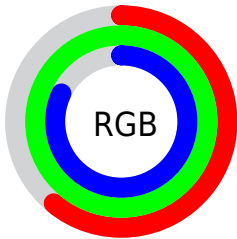
Format	Color
RYB	156, 217, 252
Decimal	10288338
CIELab	92.28, -37.46, 11.25
CIELCh	92, 39.109, 163.283
Yxy	81.3419, 0.2798, 0.3783
Android (android.graphics.Color)	4288478418 (0xFF9CFCD2)
YUV	218.5080, -4.1944, -54.8195
Hunter-Lab	90.1897, -38.7784, 14.8126

Details

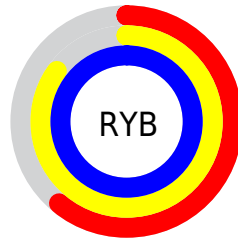
The RGB color **156, 252, 210** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **252, 156, 198**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **213, 255, 255**, and **100, 195, 156** is the 20% darker color. If you saturate the color by 10%, you get **131, 252, 199**, and if you desaturate by 10%, it is **181, 252, 221**.

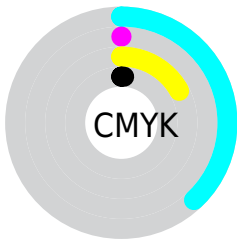
Distribution



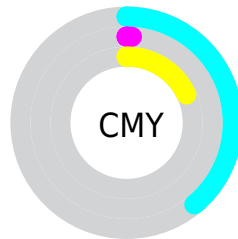
- Red (61%)
- Green (99%)
- Blue (82%)



- Red (61%)
- Yellow (85%)
- Blue (99%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)
- Black (1%)



- Cyan (39%)
- Magenta (1%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 156, 252, 210 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, 252, 210 by changing the saturation by 10% instead.

 156, 252, 210

255, 255, 255


 213, 255, 255


 243, 255, 255


 156, 252, 210

 128, 223, 182

 100, 195, 156

 72, 167, 129


 41, 141, 104

 0, 115, 80

 0, 89, 57

 0, 65, 35

 0, 43, 15

 0, 15, 0

■ 156, 252, 210

■ 156, 252, 210

■ 131, 252, 199

■ 181, 252, 221

■ 106, 252, 188

■ 206, 252, 232

■ 80, 252, 177

■ 232, 252, 243

■ 55, 252, 166

■ 255, 252, 254

■ 30, 252, 155

■ 255, 252, 255

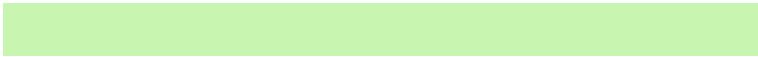
■ 5, 252, 144

■ 0, 252, 142

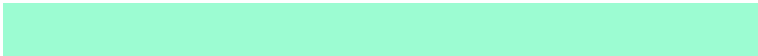
Harmonies

Analogous

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



200, 246, 177



156, 252, 210



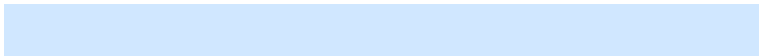
118, 254, 249

Triad

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



156, 252, 210



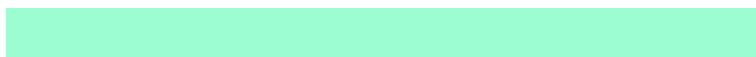
208, 231, 255



255, 211, 183

Complementary

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



156, 252, 210



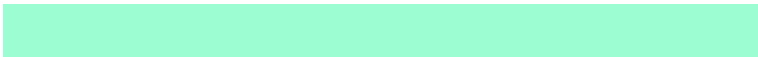
252, 156, 198

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, 205, 217



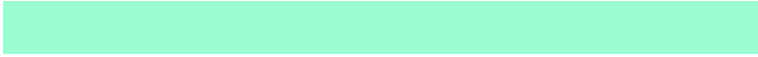
156, 252, 210



255, 217, 255

Square

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



156, 252, 210



152, 243, 255



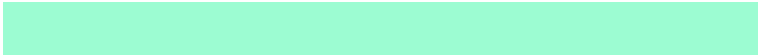
255, 207, 255



255, 223, 161

Rectangle

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



156, 252, 210



109, 252, 255



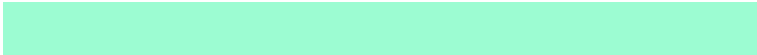
255, 207, 255



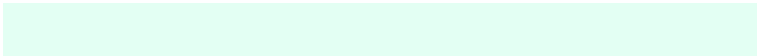
255, 208, 193

Sweetspot

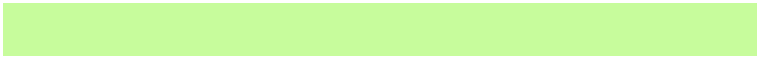
The Sweet Spot groups the original color and five complimentary colors.



156, 252, 210



227, 255, 243



199, 252, 156



111, 128, 120



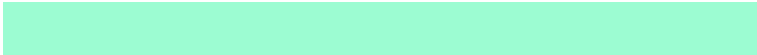
0, 0, 0



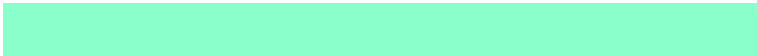
128, 128, 128

Same Dimension

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



156, 252, 210



138, 255, 204



156, 247, 252



112, 125, 119



0, 189, 106



0, 61, 34

Inverse Universe

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



252, 156, 198



255, 138, 189



252, 161, 156



125, 112, 118



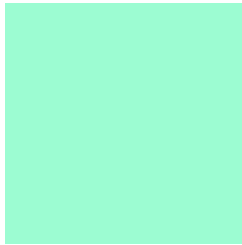
189, 0, 83



61, 0, 27

Previews

White Background



This preview shows how the RGB color 156, 252, 210 looks on a white background.

Color Contrast Check

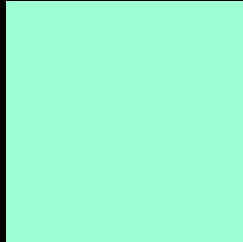
Large Text (above 18pt) WCAG AA × Fail

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, 252, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

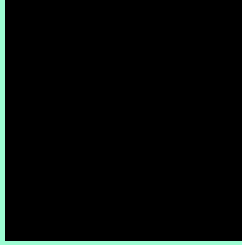
Any Text WCAG AA ✓ Pass

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, 252, 210 Background



This preview shows how black text looks on a background with the RGB color 156, 252, 210.

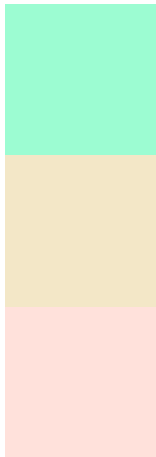


This preview shows how white text looks on a background with the RGB color 156, 252, 210.

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, 252, 210

Protanopia
243, 231, 199

Deuteranopia
255, 225, 219



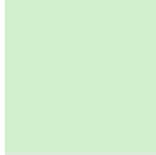
Tritanopia
190, 241, 255

Trichromacy



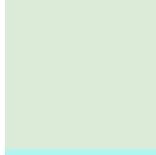
Original Color

156, 252, 210



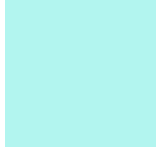
Protanomaly

211, 239, 203



Deuteranomaly

219, 235, 216



Tritanomaly

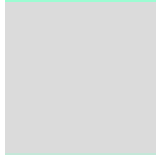
178, 245, 239

Monochromacy



Original Color

156, 252, 210



Achromatopsia

219, 219, 219



Achromatomaly

196, 231, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 156, 252, 210 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, 252, 210)` looks like.

```
.text, #text, p{  
    color:rgb(156, 252, 210)  
}
```

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, 252, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 252, 210) }
```

Border

The CSS property to change the border of an element to RGB 156, 252, 210 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, 252, 210) }
```

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

```
.border{ border-color:rgb(156, 252, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 252, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 252, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 252, 210);  
box-shadow:4px 4px 4px 4px rgb(156, 252,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 156, 252, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 252, 210) }
```

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

```
.background{ background-color: rgb(156,  
252, 210) }
```

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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