

Converting Colors

RGB(140, 255, 156)

Have a look what the booklet for
RGB(140, 255, 156) contains.

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Color

RGB(140, 255, 156)

Conversions

Conversions Part 1

Format	Color
Hex	8CFF9C
RGB	140, 255, 156
RGB Percent	55%, 100%, 61%
CMY	0.4510, 0.0000, 0.3882
CMYK	0.45, 0.00, 0.39, 0.00
HSL	128°, 100%, 77%
HSV	128°, 45%, 100%
XYZ	52.5760, 79.4957, 44.0257
YIQ	209.3290, -36.7610, -55.1690

Conversions

Conversions Part 2

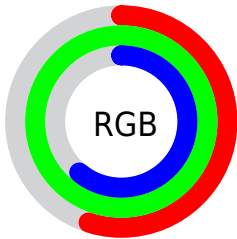
Format	Color
RYB	140, 241, 255
Decimal	9240476
CIELab	91.46, -52.74, 37.38
CIElCh	91, 64.642, 144.671
Yxy	79.4957, 0.2986, 0.4514
Android (android.graphics.Color)	4287430556 (0xFF8CFF9C)
YUV	209.3290, -26.2912, -60.8015
Hunter-Lab	89.1604, -50.7731, 33.1360

Details

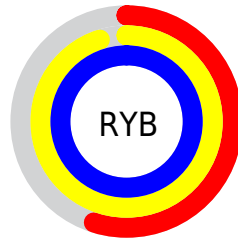
The RGB color **140, 255, 156** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **255, 140, 239**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **198, 255, 211**, and **81, 197, 103** is the 20% darker color. If you saturate the color by 10%, you get **115, 255, 134**, and if you desaturate by 10%, it is **166, 255, 178**.

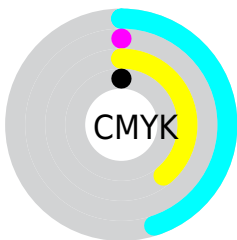
Distribution



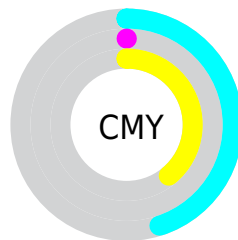
- Red (55%)
- Green (100%)
- Blue (61%)



- Red (55%)
- Yellow (95%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 255, 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 140, 255, 156 by changing the saturation by 10% instead.

 140, 255, 156


255, 255, 255

 198, 255, 211


 228, 255, 240


 140, 255, 156

 111, 226, 129

 81, 197, 103

 48, 170, 78

 0, 142, 54

 0, 116, 29

 0, 90, 0

 0, 66, 0

 0, 44, 0

 0, 10, 0


 140, 255, 156

 140, 255, 156

 115, 255, 134

 166, 255, 178

 89, 255, 112

 191, 255, 200

 64, 255, 90

 217, 255, 222

 38, 255, 68

 242, 255, 244

 13, 255, 46

255, 255, 255

 0, 255, 35

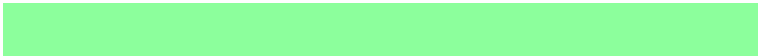
Harmonies

Analogous

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



216, 242, 113



140, 255, 156



0, 255, 217

Triad

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



140, 255, 156



78, 240, 255



255, 182, 182

Complementary

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



140, 255, 156



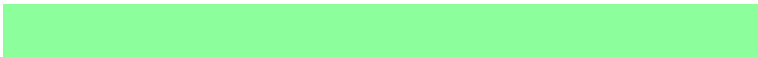
255, 140, 239

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, 179, 244



140, 255, 156



217, 219, 255

Square

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



140, 255, 156



0, 255, 255



255, 194, 255



255, 200, 131

Rectangle

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



140, 255, 156



0, 255, 255



255, 194, 255



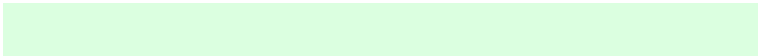
255, 178, 202

Sweetspot

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



140, 255, 156



219, 255, 224



240, 255, 140



106, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



140, 255, 156



117, 255, 136



140, 255, 213



115, 128, 117



0, 191, 27



0, 64, 9

Inverse Universe

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



255, 140, 239



255, 117, 236



255, 140, 182



128, 115, 126



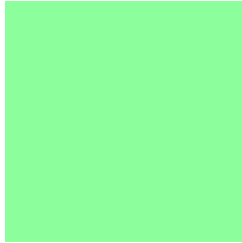
191, 0, 165



64, 0, 55

Previews

White Background



This preview shows how the RGB color 140, 255, 156 looks on a white background.

Color Contrast Check

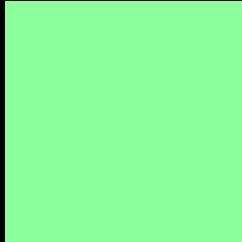
Large Text (above 18pt) WCAG AA × Fail

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 140, 255, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

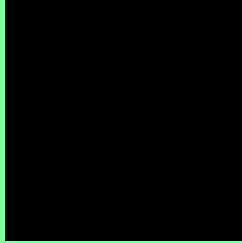
Any Text WCAG AA ✓ Pass

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 140, 255, 156 Background



This preview shows how black text looks on a background with the RGB color 140, 255, 156.

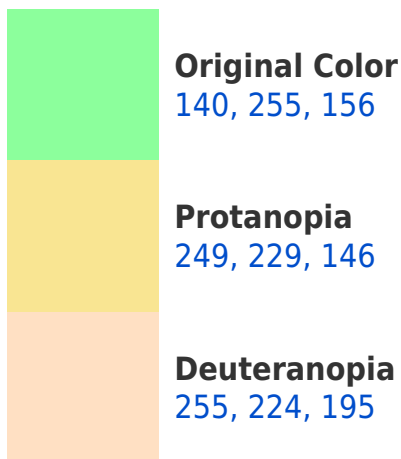


This preview shows how white text looks on a background with the RGB color 140, 255, 156.

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](#).

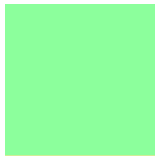
Dichromacy





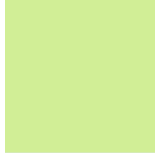
Tritanopia
180, 239, 255

Trichromacy



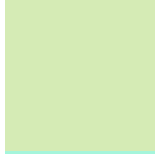
Original Color

140, 255, 156



Protanomaly

209, 238, 150



Deuteranomaly

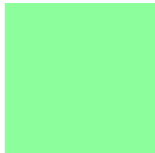
213, 235, 181



Tritanomaly

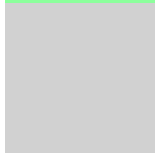
165, 245, 219

Monochromacy



Original Color

140, 255, 156



Achromatopsia

209, 209, 209



Achromatomaly

184, 226, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 255, 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(140, 255, 156)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 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(140, 255, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 156) }
```

Border

The CSS property to change the border of an element to RGB 140, 255, 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(140, 255, 156) }
```

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

```
.border{ border-color:rgb(140, 255, 156) }
```

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

Here you see how a box with a 4 pixel rgb(140, 255, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 140, 255, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 156) }
```

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

```
.background{ background-color: rgb(140,  
255, 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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