

Converting Colors

RGB(158, 255, 175)

Have a look what the booklet for
RGB(158, 255, 175) contains.

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Color

RGB(158, 255, 175)

Conversions

Conversions Part 1

Format	Color
Hex	9EFFAF
RGB	158, 255, 175
RGB Percent	62%, 100%, 69%
CMY	0.3804, 0.0000, 0.3137
CMYK	0.38, 0.00, 0.31, 0.00
HSL	131°, 100%, 81%
HSV	131°, 38%, 100%
XYZ	57.5984, 81.8842, 53.3269
YIQ	216.8770, -32.1320, -45.4440

Conversions

Conversions Part 2

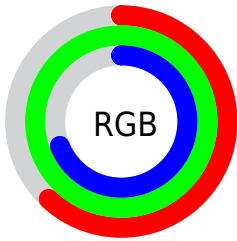
Format	Color
RYB	158, 241, 255
Decimal	10420143
CIELab	92.52, -44.66, 29.46
CIELCh	93, 53.500, 146.587
Yxy	81.8842, 0.2987, 0.4247
Android (android.graphics.Color)	4288610223 (0xFF9EFAF)
YUV	216.8770, -20.6454, -51.6351
Hunter-Lab	90.4899, -44.7390, 28.4025

Details

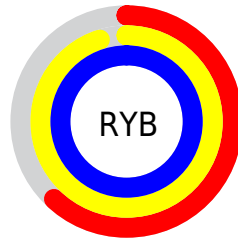
The RGB color **158, 255, 175** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **255, 158, 238**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **216, 255, 231**, and **102, 198, 122** is the 20% darker color. If you saturate the color by 10%, you get **132, 255, 154**, and if you desaturate by 10%, it is **184, 255, 196**.

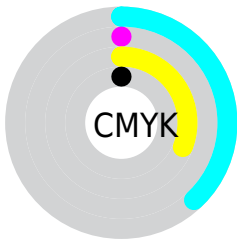
Distribution



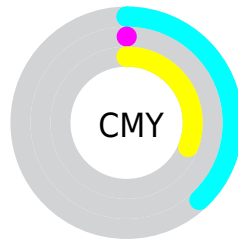
- Red (62%)
- Green (100%)
- Blue (69%)



- Red (62%)
- Yellow (95%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 255, 175 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 158, 255, 175 by changing the saturation by 10% instead.

 158, 255, 175

255, 255, 255


 216, 255, 231


 245, 255, 255


 158, 255, 175


 130, 226, 148

 102, 198, 122

 73, 170, 97

 43, 143, 72

 0, 117, 48

 0, 91, 25

 0, 67, 1

 0, 44, 0

 0, 16, 0

 158, 255, 175

 158, 255, 175

 132, 255, 154

 184, 255, 196

 107, 255, 133


 209, 255, 217

 82, 255, 112

 235, 255, 238

 56, 255, 91

255, 255, 255

 31, 255, 70

 5, 255, 49

 0, 255, 45

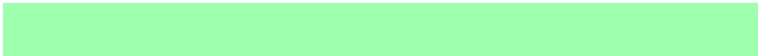
Harmonies

Analogous

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



220, 244, 139



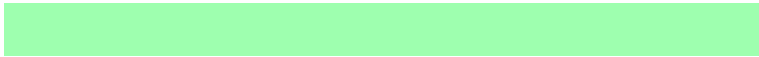
158, 255, 175



76, 255, 226

Triad

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



158, 255, 175



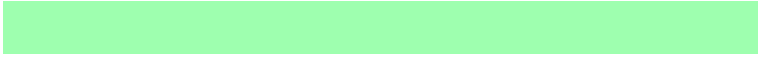
141, 241, 255



255, 196, 190

Complementary

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



158, 255, 175



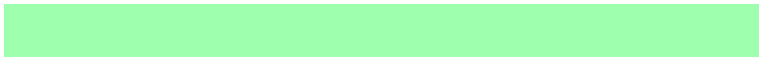
255, 158, 238

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, 193, 242



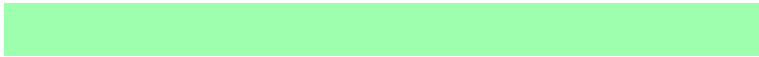
158, 255, 175



230, 222, 255

Square

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



158, 255, 175



0, 253, 255



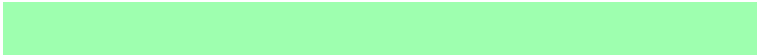
255, 204, 255



255, 210, 149

Rectangle

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



158, 255, 175



0, 255, 255



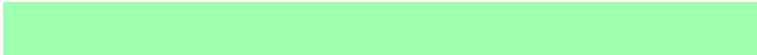
255, 204, 255



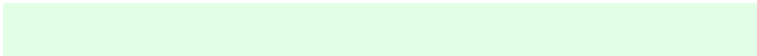
255, 193, 207

Sweetspot

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



158, 255, 175



227, 255, 232



239, 255, 158



111, 128, 114



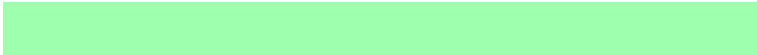
0, 0, 0



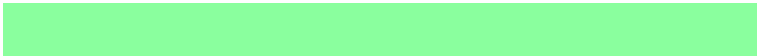
128, 128, 128

Same Dimension

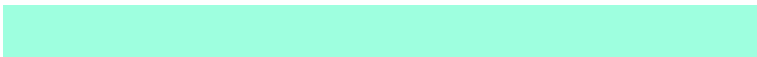
The Same Dimension uses a secret algorithm to generate beautiful new colors.



158, 255, 175



138, 255, 158



158, 255, 223



115, 128, 117



0, 191, 34



0, 64, 11

Inverse Universe

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



255, 158, 238



255, 138, 234



255, 158, 190



128, 115, 125



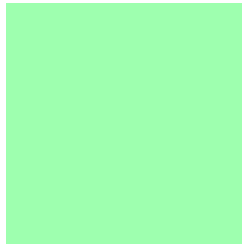
191, 0, 158



64, 0, 53

Previews

White Background



This preview shows how the RGB color 158, 255, 175 looks on a white background.

Color Contrast Check

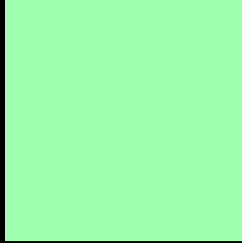
Large Text (above 18pt) WCAG AA × Fail

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 158, 255, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

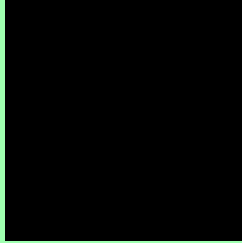
Any Text WCAG AA ✓ Pass

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 158, 255, 175 Background



This preview shows how black text looks on a background with the RGB color 158, 255, 175.

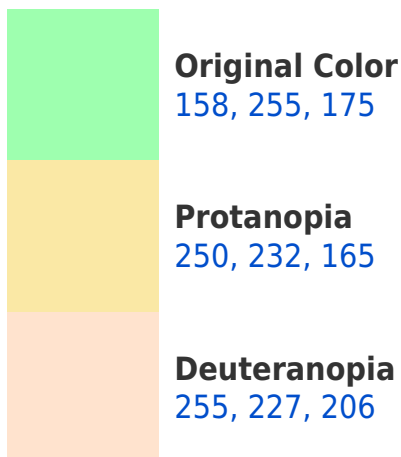


This preview shows how white text looks on a background with the RGB color 158, 255, 175.

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





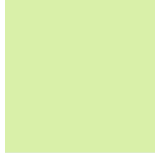
Tritanopia
194, 241, 255

Trichromacy



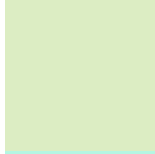
Original Color

158, 255, 175



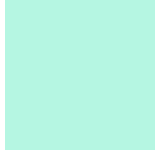
Protanomaly

217, 240, 169



Deuteranomaly

220, 237, 195



Tritanomaly

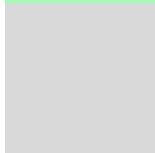
181, 246, 226

Monochromacy



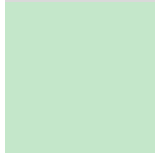
Original Color

158, 255, 175



Achromatopsia

217, 217, 217



Achromatomaly

196, 231, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 255, 175 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(158, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 175)  
}
```

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(158, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 175) }
```

Border

The CSS property to change the border of an element to RGB 158, 255, 175 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(158, 255, 175) }
```

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

```
.border{ border-color:rgb(158, 255, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 158, 255, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 175) }
```

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

```
.background{ background-color: rgb(158,  
255, 175) }
```

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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