

Converting Colors

RGB(158, 255, 194)

Have a look what the booklet for
RGB(158, 255, 194) contains.

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Color

RGB(158, 255, 194)

Conversions

Conversions Part 1

Format	Color
Hex	9EFFC2
RGB	158, 255, 194
RGB Percent	62%, 100%, 76%
CMY	0.3804, 0.0000, 0.2392
CMYK	0.38, 0.00, 0.24, 0.00
HSL	142°, 100%, 81%
HSV	142°, 38%, 100%
XYZ	59.5982, 82.6841, 63.8574
YIQ	219.0430, -38.2310, -39.5350

Conversions

Conversions Part 2

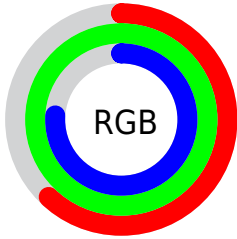
Format	Color
RYB	158, 229, 255
Decimal	10420162
CIELab	92.88, -41.33, 20.31
CIELCh	93, 46.054, 153.835
Yxy	82.6841, 0.2891, 0.4011
Android (android.graphics.Color)	4288610242 (0xFF9EFFC2)
YUV	219.0430, -12.3462, -53.5347
Hunter-Lab	90.9308, -42.1359, 22.0144

Details

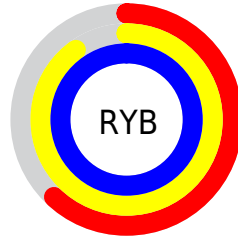
The RGB color **158, 255, 194** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 158, 219**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **215, 255, 251**, and **102, 198, 140** is the 20% darker color. If you saturate the color by 10%, you get **132, 255, 178**, and if you desaturate by 10%, it is **184, 255, 210**.

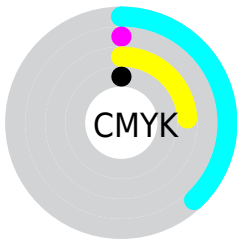
Distribution



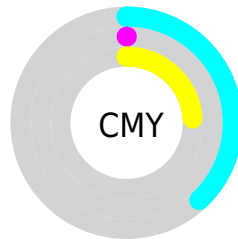
- Red (62%)
- Green (100%)
- Blue (76%)



- Red (62%)
- Yellow (90%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 255, 194 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, 194 by changing the saturation by 10% instead.

 158, 255, 194


255, 255, 255


 215, 255, 251

 245, 255, 255


 158, 255, 194

 130, 226, 167

 102, 198, 140

 74, 170, 115


 44, 143, 90

 0, 117, 66

 0, 92, 43

 0, 67, 22

 0, 44, 0

 0, 18, 0

 158, 255, 194

 158, 255, 194

 132, 255, 178

 184, 255, 210

 107, 255, 162

 209, 255, 226

 82, 255, 146

 235, 255, 242

 56, 255, 130

255, 255, 255

 31, 255, 114

 5, 255, 98

 0, 255, 95

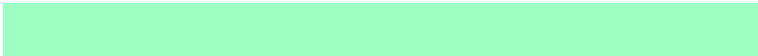
Harmonies

Analogous

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



211, 247, 159



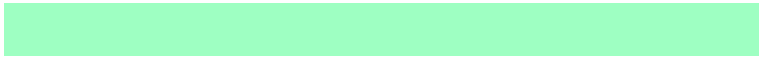
158, 255, 194



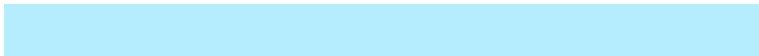
100, 255, 239

Triad

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



158, 255, 194



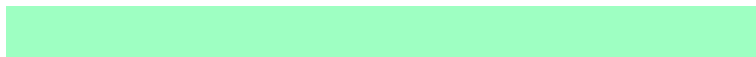
181, 237, 255



255, 205, 187

Complementary

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



158, 255, 194



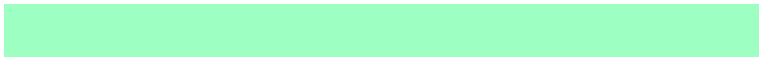
255, 158, 219

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, 200, 230



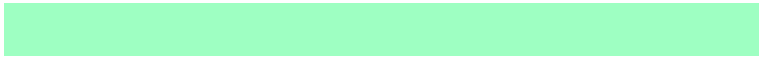
158, 255, 194



247, 221, 255

Square

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



158, 255, 194



106, 250, 255



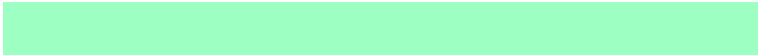
255, 207, 255



255, 218, 156

Rectangle

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



158, 255, 194



65, 255, 255



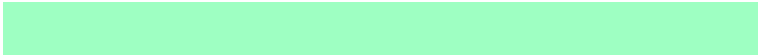
255, 207, 255



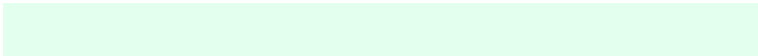
255, 202, 201

Sweetspot

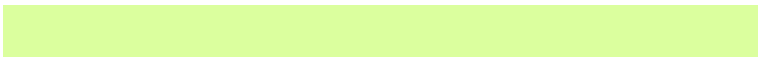
The Sweet Spot groups the original color and five complimentary colors.



158, 255, 194



227, 255, 237



219, 255, 158



111, 128, 117



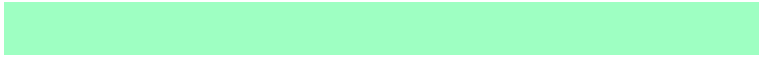
0, 0, 0



128, 128, 128

Same Dimension

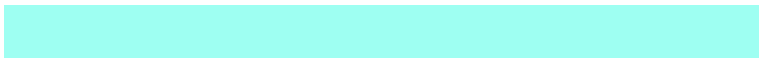
The Same Dimension uses a secret algorithm to generate beautiful new colors.



158, 255, 194



138, 255, 181



158, 255, 242



115, 128, 119



0, 191, 71



0, 64, 24

Inverse Universe

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



255, 158, 219



255, 138, 211



255, 158, 171



128, 115, 123



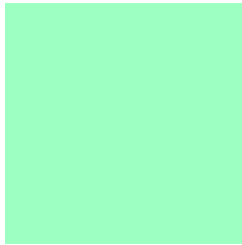
191, 0, 120



64, 0, 40

Previews

White Background



This preview shows how the RGB color 158, 255, 194 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, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

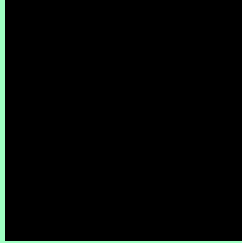
Any Text WCAG AA ✓ Pass

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, 194 Background



This preview shows how black text looks on a background with the RGB color 158, 255, 194.



This preview shows how white text looks on a background with the RGB color 158, 255, 194.

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





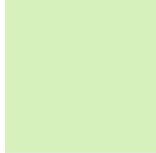
Tritanopia
196, 242, 255

Trichromacy



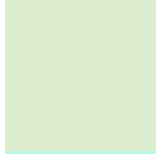
Original Color

158, 255, 194



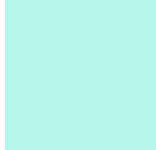
Protanomaly

215, 241, 188



Deuteranomaly

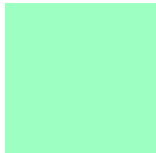
220, 238, 207



Tritanomaly

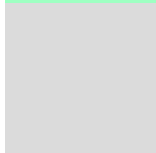
182, 247, 233

Monochromacy



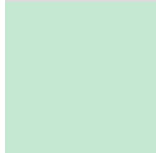
Original Color

158, 255, 194



Achromatopsia

219, 219, 219



Achromatomaly

197, 232, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 255, 194 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 194) }
```

Border

The CSS property to change the border of an element to RGB 158, 255, 194 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, 194) }
```

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

```
.border{ border-color:rgb(158, 255, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 158, 255, 194 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, 194) }
```

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

```
.background{ background-color: rgb(158,  
255, 194) }
```

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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