

# Converting Colors

RGB(158, 250, 226)

Have a look what the booklet for  
RGB(158, 250, 226) contains.

<b>RGB(158, 250, 226)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(158, 250, 226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EFAE2
RGB	158, 250, 226
RGB Percent	62%, 98%, 89%
CMY	0.3804, 0.0196, 0.1137
CMYK	0.37, 0.00, 0.10, 0.02
HSL	164°, 90%, 80%
HSV	164°, 37%, 98%
XYZ	62.0136, 81.1313, 84.3430
YIQ	219.7560, -47.1280, -26.9680

# Conversions

## Conversions Part 2

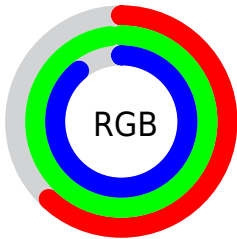
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 211, 250
Decimal	10418914
CIELab	92.19, -32.67, 2.86
CIELCh	92, 32.798, 175.005
Yxy	81.1313, 0.2726, 0.3566
Android (android.graphics.Color)	4288608994 (0xFF9EFAE2)
YUV	219.7560, 3.0783, -54.1600
Hunter-Lab	90.0729, -34.7335, 7.5328

# Details

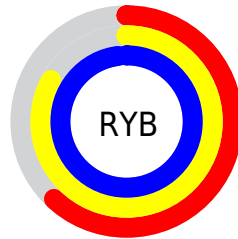
The RGB color **158, 250, 226** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **250, 158, 182**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **215, 255, 255**, and **102, 193, 171** is the 20% darker color. If you saturate the color by 10%, you get **133, 250, 219**, and if you desaturate by 10%, it is **183, 250, 233**.

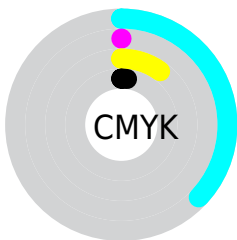
# Distribution



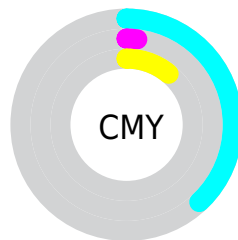
- Red (62%)
- Green (98%)
- Blue (89%)



- Red (62%)
- Yellow (83%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 158, 250, 226 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, 250, 226 by changing the saturation by 10% instead.



 158, 250, 226


255, 255, 255


 215, 255, 255


 245, 255, 255


 158, 250, 226


 130, 221, 198

 102, 193, 171

 74, 166, 144

 43, 139, 119

 0, 113, 94

 0, 88, 70

 0, 64, 48

 0, 42, 27

 0, 14, 1

■ 158, 250, 226

■ 158, 250, 226

■ 133, 250, 219

■ 183, 250, 233

■ 108, 250, 213

■ 208, 250, 239

■ 83, 250, 206

■ 233, 250, 246

■ 58, 250, 200

■ 255, 250, 252

■ 33, 250, 193

■ 255, 250, 255

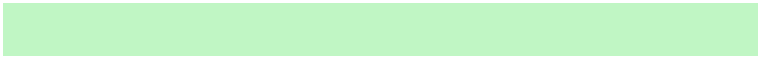
■ 8, 250, 187

■ 0, 250, 185

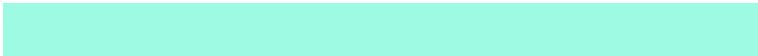
# Harmonies

## Analogous

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



192, 246, 196



158, 250, 226



139, 250, 255

# Triad

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



158, 250, 226



230, 226, 255



255, 218, 182

# Complementary

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



158, 250, 226



250, 158, 182

# 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, 211, 207



158, 250, 226



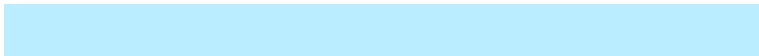
255, 216, 255

# Square

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



158, 250, 226



186, 237, 255



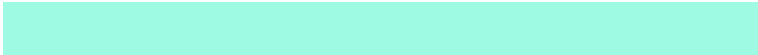
255, 210, 239



255, 229, 170

# Rectangle

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



158, 250, 226



142, 247, 255



255, 210, 239

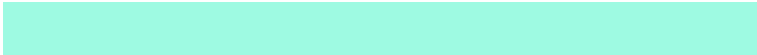


255, 215, 189



# Sweetspot

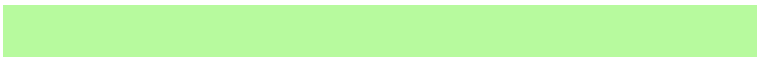
The Sweet Spot groups the original color and five complimentary colors.



158, 250, 226



227, 255, 248



183, 250, 158



111, 128, 123



0, 0, 0

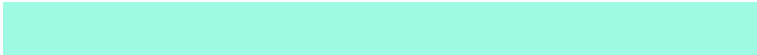


128, 128, 128

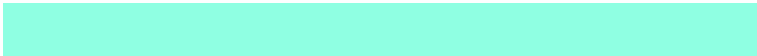


# Same Dimension

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



158, 250, 226



143, 255, 226



158, 229, 250



112, 125, 122



0, 189, 139



0, 61, 45



# Inverse Universe

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



250, 158, 182



255, 143, 172



250, 179, 158



125, 112, 116



189, 0, 49

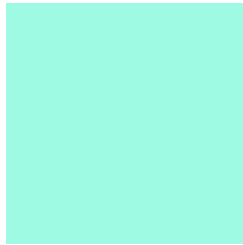


61, 0, 16



# Previews

## White Background



This preview shows how the RGB color 158, 250, 226 looks on a white background.

## Color Contrast Check

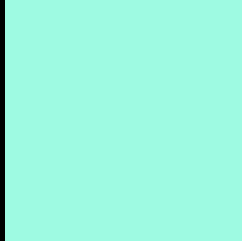
Large Text (above 18pt) WCAG AA × Fail

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, 250, 226 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

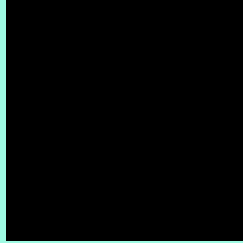
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 158, 250, 226 Background



This preview shows how black text looks on a background with the RGB color 158, 250, 226.



This preview shows how white text looks on a background with the RGB color 158, 250, 226.

# 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





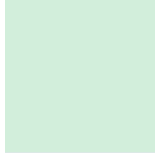
**Tritanopia**  
189, 241, 255

# Trichromacy



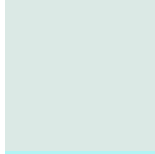
**Original Color**

158, 250, 226



**Protanomaly**

210, 238, 219



**Deuteranomaly**

219, 233, 229



**Tritanomaly**

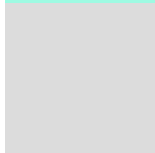
178, 244, 244

# Monochromacy



**Original Color**

158, 250, 226



**Achromatopsia**

220, 220, 220



**Achromatomaly**

197, 231, 222

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 158, 250, 226 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, 250, 226)` looks like.

```
.text, #text, p{  
    color:rgb(158, 250, 226)  
}
```

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, 250, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 250, 226) }
```

## Border

The CSS property to change the border of an element to RGB 158, 250, 226 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, 250, 226) }
```

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

```
.border{ border-color:rgb(158, 250, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 250, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 250, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 250, 226);  
box-shadow:4px 4px 4px 4px rgb(158, 250,  
226) }
```

# Background

The CSS property to change the background color of an element to RGB 158, 250, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 250, 226) }
```

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

```
.background{ background-color: rgb(158,  
250, 226) }
```

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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