

Converting Colors

RGB(158, 250, 224)

Have a look what the booklet for
RGB(158, 250, 224) contains.

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Color

RGB(158, 250, 224)

Conversions

Conversions Part 1

Format	Color
Hex	9EFAE0
RGB	158, 250, 224
RGB Percent	62%, 98%, 88%
CMY	0.3804, 0.0196, 0.1216
CMYK	0.37, 0.00, 0.10, 0.02
HSL	163°, 90%, 80%
HSV	163°, 37%, 98%
XYZ	61.7407, 81.0221, 82.9058
YIQ	219.5280, -46.4860, -27.5900

Conversions

Conversions Part 2

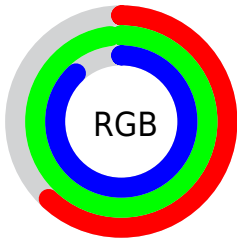
Format	Color
RYB	158, 212, 250
Decimal	10418912
CIELab	92.14, -33.10, 3.82
CIELCh	92, 33.321, 173.415
Yxy	81.0221, 0.2736, 0.3590
Android (android.graphics.Color)	4288608992 (0xFF9EFAE0)
YUV	219.5280, 2.2047, -53.9601
Hunter-Lab	90.0123, -35.0858, 8.3996

Details

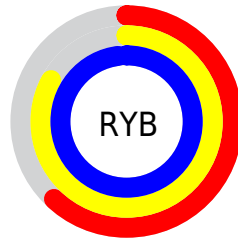
The RGB color **158, 250, 224** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **250, 158, 184**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **215, 255, 255**, and **102, 193, 169** is the 20% darker color. If you saturate the color by 10%, you get **133, 250, 217**, and if you desaturate by 10%, it is **183, 250, 231**.

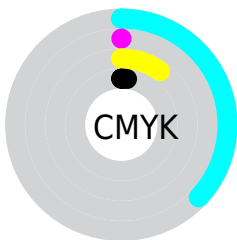
Distribution



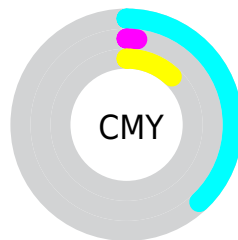
- Red (62%)
- Green (98%)
- Blue (88%)



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



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



- Cyan (38%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 158, 250, 224 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, 224 by changing the saturation by 10% instead.

 158, 250, 224


255, 255, 255


 215, 255, 255


 245, 255, 255


 158, 250, 224

 130, 221, 196

 102, 193, 169

 74, 166, 142

 44, 139, 117

 0, 113, 92

 0, 88, 69

 0, 64, 47

 0, 42, 26

 0, 14, 0

■ 158, 250, 224

■ 158, 250, 224

■ 133, 250, 217

■ 183, 250, 231

■ 108, 250, 210

■ 208, 250, 238

■ 83, 250, 203

■ 233, 250, 245

■ 58, 250, 196

■ 255, 250, 252

■ 33, 250, 189

■ 255, 250, 255

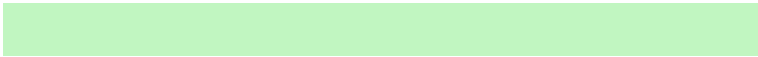
■ 8, 250, 182

■ 0, 250, 179

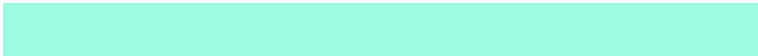
Harmonies

Analogous

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



193, 246, 193



158, 250, 224



137, 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, 224



228, 227, 255



255, 217, 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, 224



250, 158, 184

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, 210, 209



158, 250, 224



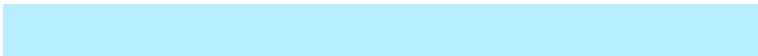
255, 216, 255

Square

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



158, 250, 224



183, 238, 255



255, 210, 241



255, 228, 169

Rectangle

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



158, 250, 224



139, 248, 255



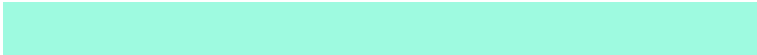
255, 210, 241



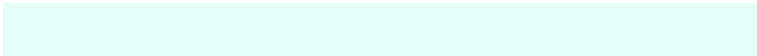
255, 215, 190

Sweetspot

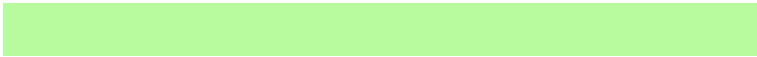
The Sweet Spot groups the original color and five complimentary colors.



158, 250, 224



227, 255, 247



184, 250, 158



111, 128, 123



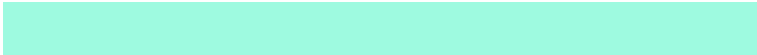
0, 0, 0



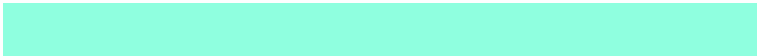
128, 128, 128

Same Dimension

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



158, 250, 224



143, 255, 223



158, 230, 250



112, 125, 121



0, 189, 135



0, 61, 44

Inverse Universe

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



250, 158, 184



255, 143, 175



250, 178, 158



125, 112, 116



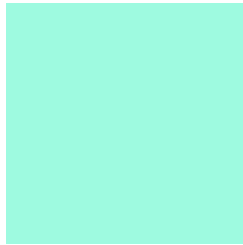
189, 0, 53



61, 0, 17

Previews

White Background



This preview shows how the RGB color 158, 250, 224 looks on a white background.

Color Contrast Check

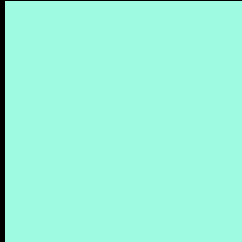
Large Text (above 18pt) WCAG AA × Fail

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, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

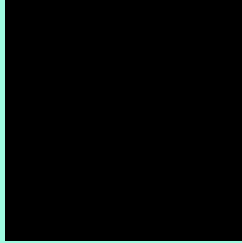
Any Text WCAG AA ✓ Pass

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, 224 Background



This preview shows how black text looks on a background with the RGB color 158, 250, 224.



This preview shows how white text looks on a background with the RGB color 158, 250, 224.

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





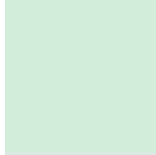
Tritanopia
189, 241, 255

Trichromacy



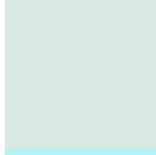
Original Color

158, 250, 224



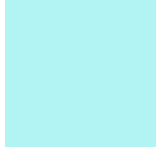
Protanomaly

210, 237, 217



Deuteranomaly

219, 233, 227



Tritanomaly

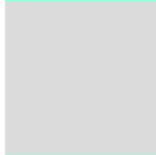
178, 244, 244

Monochromacy



Original Color

158, 250, 224



Achromatopsia

220, 220, 220



Achromatomaly

197, 231, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 158, 250, 224 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(158, 250, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 250, 224) }
```

Border

The CSS property to change the border of an element to RGB 158, 250, 224 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, 224) }
```

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

```
.border{ border-color:rgb(158, 250, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 250, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 250, 224);  
box-shadow:4px 4px 4px 4px rgb(158, 250,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 158, 250, 224 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, 224) }
```

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

```
.background{ background-color: rgb(158,  
250, 224) }
```

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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