

Converting Colors

RGB(154, 254, 186)

Have a look what the booklet for
RGB(154, 254, 186) contains.

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Color

RGB(154, 254, 186)

Conversions

Conversions Part 1	
Format	Color
Hex	9AFEBA
RGB	154, 254, 186
RGB Percent	60%, 100%, 73%
CMY	0.3961, 0.0039, 0.2706
CMYK	0.39, 0.00, 0.27, 0.00
HSL	139°, 98%, 80%
HSV	139°, 39%, 100%
XYZ	57.6312, 81.2988, 59.1091
YIQ	216.3480, -37.7720, -42.3480

Conversions

Conversions Part 2

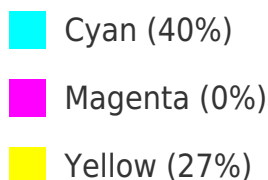
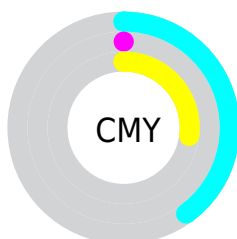
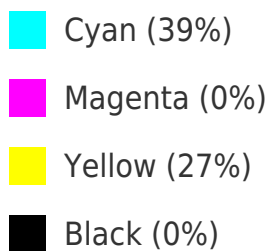
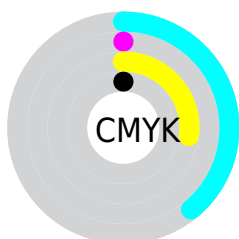
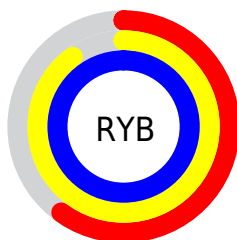
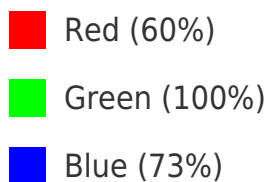
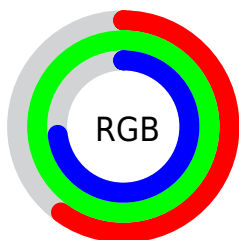
Format	Color
RYB	154, 230, 254
Decimal	10157754
CIELab	92.26, -43.46, 23.51
CIELCh	92, 49.411, 151.588
Yxy	81.2988, 0.2910, 0.4105
Android (android.graphics.Color)	4288347834 (0xFF9AFEBA)
YUV	216.3480, -14.9616, -54.6792
Hunter-Lab	90.1659, -43.6987, 24.2479

Details

The RGB color **154, 254, 186** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **254, 154, 222**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **212, 255, 242**, and **98, 197, 133** is the 20% darker color. If you saturate the color by 10%, you get **129, 254, 169**, and if you desaturate by 10%, it is **179, 254, 203**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 154, 254, 186 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 154, 254, 186 by changing the saturation by 10% instead.

 154, 254, 186


255, 255, 255


 212, 255, 242

 241, 255, 255


 154, 254, 186

 126, 225, 159

 98, 197, 133

 69, 169, 107


 37, 142, 82

 0, 116, 59

 0, 91, 36

 0, 66, 14

 0, 44, 0

 0, 15, 0

 154, 254, 186

 154, 254, 186

 129, 254, 169

 179, 254, 203

 103, 254, 151

 205, 254, 221

 78, 254, 134

 230, 254, 238

 52, 254, 117

255, 254, 255

 27, 254, 100

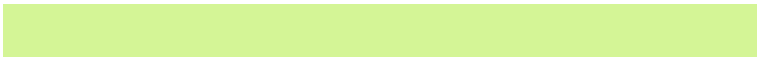
 2, 254, 82

 0, 254, 81

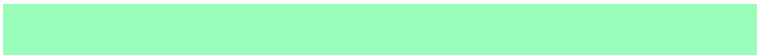
Harmonies

Analogous

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



212, 245, 150



154, 254, 186



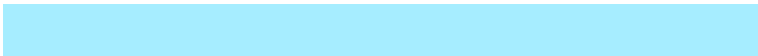
84, 255, 234

Triad

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



154, 254, 186



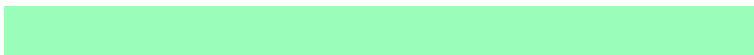
166, 237, 255



255, 200, 185

Complementary

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



154, 254, 186



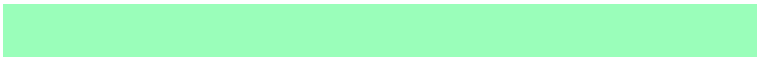
254, 154, 222

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, 195, 232



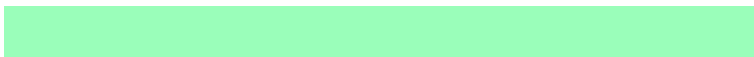
154, 254, 186



241, 220, 255

Square

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



154, 254, 186



74, 250, 255



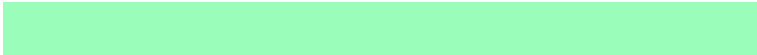
255, 203, 255



255, 214, 150

Rectangle

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



154, 254, 186



6, 255, 255



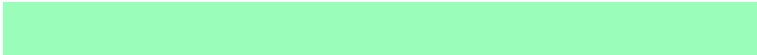
255, 203, 255



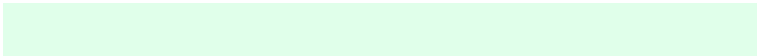
255, 197, 200

Sweetspot

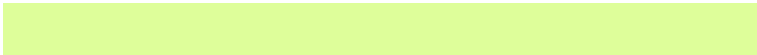
The Sweet Spot groups the original color and five complimentary colors.



154, 254, 186



224, 255, 234



222, 254, 154



110, 128, 115



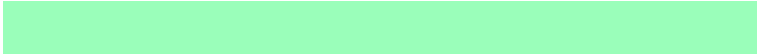
0, 0, 0



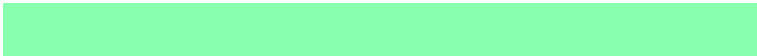
128, 128, 128

Same Dimension

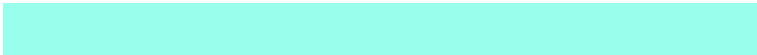
The Same Dimension uses a secret algorithm to generate beautiful new colors.



154, 254, 186



135, 255, 174



154, 254, 236



115, 128, 119



0, 191, 61



0, 64, 20

Inverse Universe

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



254, 154, 222



255, 135, 217



254, 154, 172



128, 115, 123



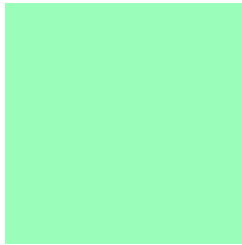
191, 0, 130



64, 0, 43

Previews

White Background



This preview shows how the RGB color 154, 254, 186 looks on a white background.

Color Contrast Check

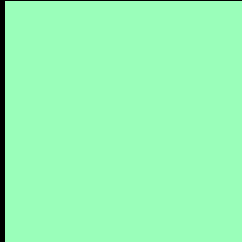
Large Text (above 18pt) WCAG AA × Fail

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 154, 254, 186 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 154, 254, 186 Background



This preview shows how black text looks on a background with the RGB color 154, 254, 186.

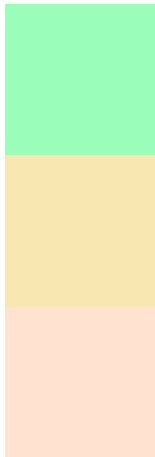


This preview shows how white text looks on a background with the RGB color 154, 254, 186.

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



Original Color
154, 254, 186

Protanopia
248, 231, 176

Deuteranopia
255, 226, 208



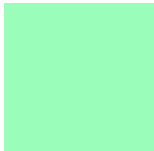
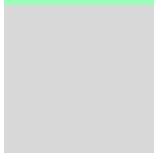

Tritanopia

190, 241, 255

Trichromacy

	Original Color 154, 254, 186
	Protanomaly 214, 239, 180
	Deuteranomaly 218, 236, 200
	Tritanomaly 177, 246, 230

Monochromacy

	Original Color 154, 254, 186
	Achromatopsia 216, 216, 216
	Achromatomaly 193, 230, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 254, 186 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(154, 254, 186)` looks like.

```
.text, #text, p{  
    color:rgb(154, 254, 186)  
}
```

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(154, 254, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 254, 186) }
```

Border

The CSS property to change the border of an element to RGB 154, 254, 186 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(154, 254, 186) }
```

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

```
.border{ border-color:rgb(154, 254, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 254, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 254, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 254, 186);  
box-shadow:4px 4px 4px 4px rgb(154, 254,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 154, 254, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 254, 186) }
```

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

```
.background{ background-color: rgb(154,  
254, 186) }
```

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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