

Converting Colors

RGB(154, 243, 181)

Have a look what the booklet for
RGB(154, 243, 181) contains.

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Color

RGB(154, 243, 181)

Conversions

Conversions Part 1

Format	Color
Hex	9AF3B5
RGB	154, 243, 181
RGB Percent	60%, 95%, 71%
CMY	0.3961, 0.0471, 0.2902
CMYK	0.37, 0.00, 0.26, 0.05
HSL	138°, 79%, 78%
HSV	138°, 37%, 95%
XYZ	53.7175, 74.3074, 55.2276
YIQ	209.3210, -33.1420, -38.1500

Conversions

Conversions Part 2

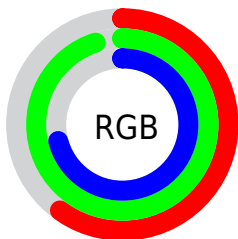
Format	Color
RYB	154, 222, 243
Decimal	10154933
CIELab	89.07, -39.49, 21.65
CIElCh	89, 45.031, 151.263
Yxy	74.3074, 0.2931, 0.4055
Android (android.graphics.Color)	4288345013 (0xFF9AF3B5)
YUV	209.3210, -13.9623, -48.5165
Hunter-Lab	86.2017, -39.6189, 22.3554

Details

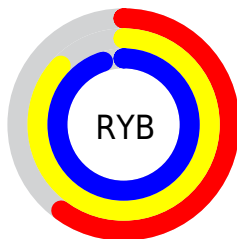
The RGB color **154, 243, 181** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **243, 154, 216**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **211, 255, 237**, and **99, 186, 128** is the 20% darker color. If you saturate the color by 10%, you get **130, 243, 164**, and if you desaturate by 10%, it is **178, 243, 198**.

Distribution



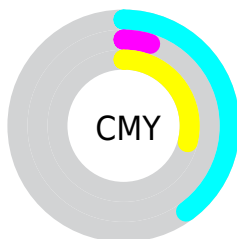
- Red (60%)
- Green (95%)
- Blue (71%)



- Red (60%)
- Yellow (87%)
- Blue (95%)



- Cyan (37%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)



- Cyan (40%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 243, 181 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, 243, 181 by changing the saturation by 10% instead.

 154, 243, 181


255, 255, 255


 211, 255, 237

 240, 255, 255


 154, 243, 181

 126, 214, 154

 99, 186, 128

 71, 159, 103

 42, 132, 78

 0, 107, 55

 0, 82, 33

 0, 58, 11

 0, 37, 0

 0, 0, 0

■ 154, 243, 181

■ 154, 243, 181

■ 130, 243, 164

■ 178, 243, 198

■ 105, 243, 147

■ 203, 243, 215

■ 81, 243, 130

■ 227, 243, 232

■ 57, 243, 113

■ 251, 243, 249

■ 33, 243, 96

■ 255, 243, 255

■ 8, 243, 79

■ 0, 243, 74

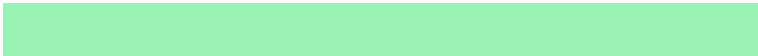
Harmonies

Analogous

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



205, 234, 149



154, 243, 181



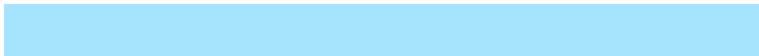
97, 247, 224

Triad

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



154, 243, 181



165, 227, 255



255, 194, 181

Complementary

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



154, 243, 181



243, 154, 216

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, 190, 224



154, 243, 181



231, 212, 255

Square

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



154, 243, 181



91, 239, 255



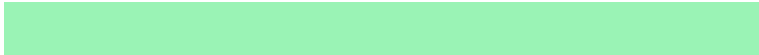
255, 198, 255



255, 207, 149

Rectangle

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



154, 243, 181



60, 247, 253



255, 198, 255



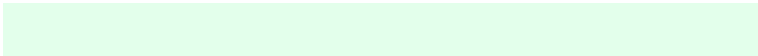
255, 192, 195

Sweetspot

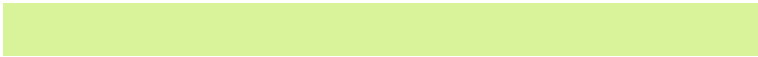
The Sweet Spot groups the original color and five complimentary colors.



154, 243, 181



227, 255, 235



216, 243, 154



111, 128, 116



0, 0, 0



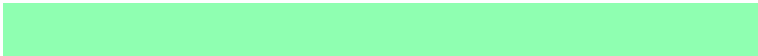
128, 128, 128

Same Dimension

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



154, 243, 181



143, 255, 177



154, 243, 225



110, 122, 114



0, 186, 56



0, 59, 18

Inverse Universe

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



243, 154, 216



255, 143, 221



243, 154, 172



122, 110, 119



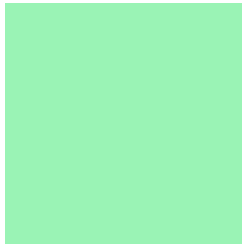
186, 0, 130



59, 0, 41

Previews

White Background



This preview shows how the RGB color 154, 243, 181 looks on a white background.

Color Contrast Check

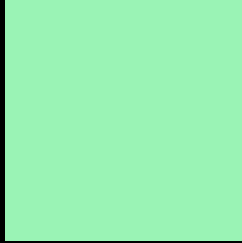
Large Text (above 18pt) WCAG AA × Fail

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, 243, 181 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, 243, 181 Background



This preview shows how black text looks on a background with the RGB color 154, 243, 181.

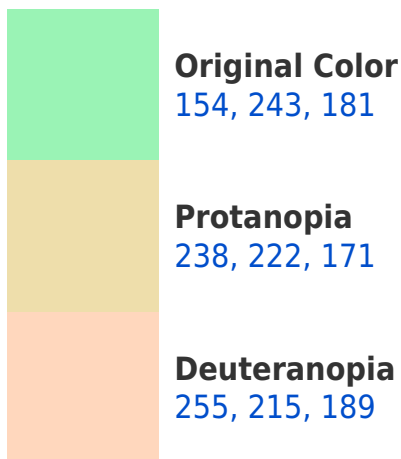


This preview shows how white text looks on a background with the RGB color 154, 243, 181.

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





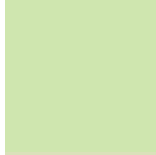
Tritanopia
169, 234, 252

Trichromacy



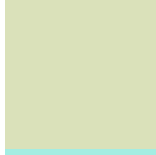
Original Color

154, 243, 181



Protanomaly

207, 230, 175



Deuteranomaly

218, 225, 186



Tritanomaly

164, 237, 226

Monochromacy



Original Color

154, 243, 181



Achromatopsia

209, 209, 209



Achromatomaly

189, 221, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 243, 181 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, 243, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 243, 181)  
}
```

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, 243, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 243, 181) }
```

Border

The CSS property to change the border of an element to RGB 154, 243, 181 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, 243, 181) }
```

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

```
.border{ border-color:rgb(154, 243, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 243, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 243, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 243, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 243,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 154, 243, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 243, 181) }
```

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

```
.background{ background-color: rgb(154,  
243, 181) }
```

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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