

Converting Colors

RGB(154, 236, 198)

Have a look what the booklet for
RGB(154, 236, 198) contains.

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Color

RGB(154, 236, 198)

Conversions

Conversions Part 1

Format	Color
Hex	9AECC6
RGB	154, 236, 198
RGB Percent	60%, 93%, 78%
CMY	0.3961, 0.0745, 0.2235
CMYK	0.35, 0.00, 0.16, 0.07
HSL	152°, 68%, 76%
HSV	152°, 35%, 93%
XYZ	53.5149, 70.9381, 64.2980
YIQ	207.1500, -36.6740, -29.2020

Conversions

Conversions Part 2

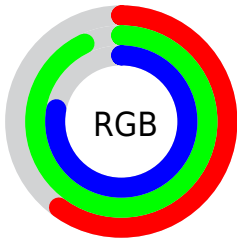
Format	Color
RYB	154, 207, 236
Decimal	10153158
CIELab	87.45, -33.05, 10.58
CIELCh	87, 34.705, 162.256
Yxy	70.9381, 0.2835, 0.3758
Android (android.graphics.Color)	4288343238 (0xFF9AECC6)
YUV	207.1500, -4.5109, -46.6125
Hunter-Lab	84.2248, -33.9777, 13.6948

Details

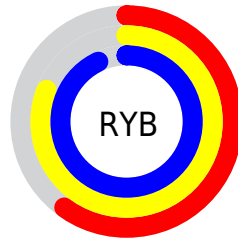
The RGB color **154, 236, 198** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **236, 154, 192**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **211, 255, 255**, and **99, 180, 144** is the 20% darker color. If you saturate the color by 10%, you get **130, 236, 187**, and if you desaturate by 10%, it is **178, 236, 209**.

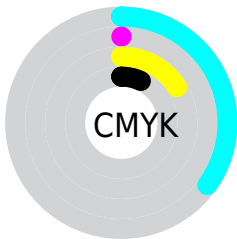
Distribution



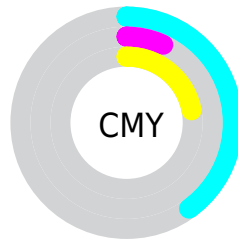
- Red (60%)
- Green (93%)
- Blue (78%)



- Red (60%)
- Yellow (81%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 236, 198 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, 236, 198 by changing the saturation by 10% instead.

 154, 236, 198


255, 255, 255


 211, 255, 255

 240, 255, 255


 154, 236, 198

 126, 208, 171

 99, 180, 144

 72, 153, 119

 44, 126, 94

 7, 101, 70

 0, 76, 48

 0, 53, 27

 0, 33, 0

 0, 0, 0

 154, 236, 198

 154, 236, 198

 130, 236, 187

 178, 236, 209

 107, 236, 176

 201, 236, 220

 83, 236, 165

 225, 236, 231

 60, 236, 154

 248, 236, 242

 36, 236, 143

 255, 236, 253

 12, 236, 132

 255, 236, 255

 0, 236, 127

Harmonies

Analogous

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



192, 230, 169



154, 236, 198



123, 238, 232

Triad

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



154, 236, 198



197, 218, 255



255, 200, 176

Complementary

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



154, 236, 198



236, 154, 192

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, 207



154, 236, 198



241, 206, 255

Square

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



154, 236, 198



149, 228, 255



255, 197, 240



255, 210, 157

Rectangle

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



154, 236, 198



115, 236, 253



255, 197, 240



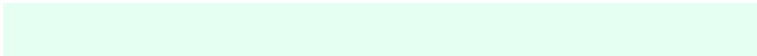
255, 198, 186

Sweetspot

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



154, 236, 198



230, 255, 243



192, 236, 154



112, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



154, 236, 198



148, 255, 205



154, 233, 236



106, 117, 112



0, 181, 97



0, 54, 29

Inverse Universe

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



236, 154, 192



255, 148, 198



236, 157, 154



117, 106, 111



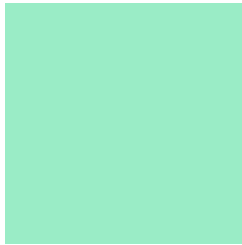
181, 0, 84



54, 0, 25

Previews

White Background



This preview shows how the RGB color 154, 236, 198 looks on a white background.

Color Contrast Check

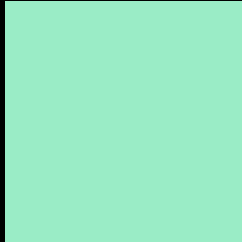
Large Text (above 18pt) WCAG AA × Fail

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, 236, 198 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

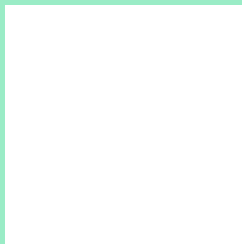
Any Text WCAG AAA ✓ Pass

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

RGB 154, 236, 198 Background



This preview shows how black text looks on a background with the RGB color 154, 236, 198.

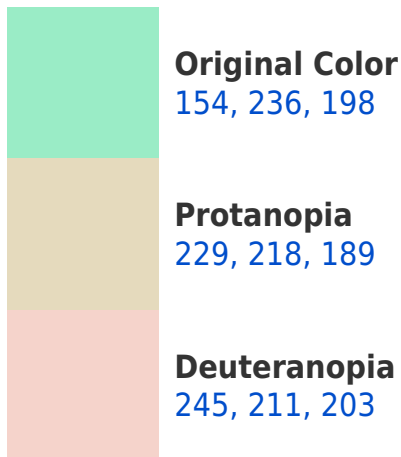


This preview shows how white text looks on a background with the RGB color 154, 236, 198.

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





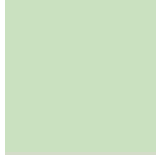
Tritanopia
165, 229, 247

Trichromacy



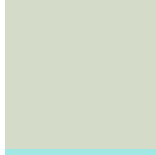
Original Color

154, 236, 198



Protanomaly

202, 225, 192



Deuteranomaly

212, 220, 201



Tritanomaly

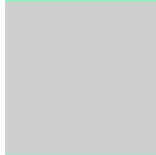
161, 232, 229

Monochromacy



Original Color

154, 236, 198



Achromatopsia

207, 207, 207



Achromatomaly

188, 218, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 236, 198 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, 236, 198)` looks like.

```
.text, #text, p{  
    color:rgb(154, 236, 198)  
}
```

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, 236, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 236, 198) }
```

Border

The CSS property to change the border of an element to RGB 154, 236, 198 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, 236, 198) }
```

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

```
.border{ border-color:rgb(154, 236, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 236, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 236, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 236, 198);  
box-shadow:4px 4px 4px 4px rgb(154, 236,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 154, 236, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 236, 198) }
```

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

```
.background{ background-color: rgb(154,  
236, 198) }
```

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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