

Converting Colors

RGB(154, 209, 135)

Have a look what the booklet for
RGB(154, 209, 135) contains.

RGB(154, 209, 135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(154, 209, 135)

Conversions

Conversions Part 1

Format	Color
Hex	9AD187
RGB	154, 209, 135
RGB Percent	60%, 82%, 53%
CMY	0.3961, 0.1804, 0.4706
CMYK	0.26, 0.00, 0.35, 0.18
HSL	105°, 45%, 67%
HSV	105°, 35%, 82%
XYZ	40.5001, 54.2202, 31.2526
YIQ	184.1190, -9.0260, -34.6740

Conversions

Conversions Part 2

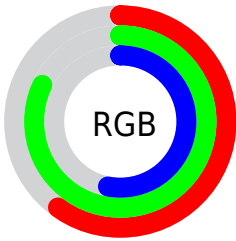
Format	Color
RYB	135, 209, 190
Decimal	10146183
CIELab	78.59, -31.47, 31.16
CIELCh	79, 44.282, 135.282
Yxy	54.2202, 0.3215, 0.4304
Android (android.graphics.Color)	4288336263 (0xFF9AD187)
YUV	184.1190, -24.2157, -26.4144
Hunter-Lab	73.6344, -30.6824, 26.3796

Details

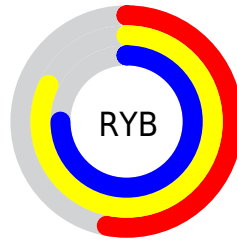
The RGB color **154, 209, 135** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190, 135, 209**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **210, 255, 189**, and **101, 154, 84** is the 20% darker color. If you saturate the color by 10%, you get **138, 209, 114**, and if you desaturate by 10%, it is **170, 209, 156**.

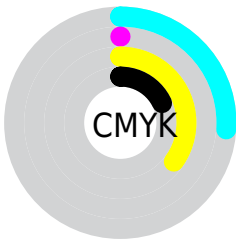
Distribution



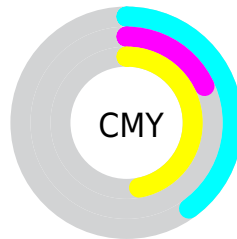
- Red (60%)
- Green (82%)
- Blue (53%)



- Red (53%)
- Yellow (82%)
- Blue (75%)



- Cyan (26%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (40%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 209, 135 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, 209, 135 by changing the saturation by 10% instead.

 154, 209, 135

255, 255, 255


 210, 255, 189

 238, 255, 217


 255, 255, 246

 154, 209, 135

 127, 181, 109

 101, 154, 84


 75, 128, 60

 50, 103, 37

 23, 78, 13

 0, 55, 0

 0, 35, 0


 0, 0, 0

 154, 209, 135

 154, 209, 135

 138, 209, 114

 170, 209, 156

 123, 209, 93

 185, 209, 177

 107, 209, 72

 201, 209, 198

 92, 209, 51


 216, 209, 219

 76, 209, 31

 232, 209, 240

 61, 209, 10

 247, 209, 255

 54, 209, 0

 255, 209, 255

Harmonies

Analogous

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



200, 199, 113



154, 209, 135



99, 215, 172

Triad

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



154, 209, 135



93, 205, 255



255, 162, 175

Complementary

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



154, 209, 135



190, 135, 209

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, 164, 217



154, 209, 135



168, 191, 255

Square

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



154, 209, 135



0, 213, 252



225, 176, 253



255, 171, 138

Rectangle

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



154, 209, 135



52, 216, 201



225, 176, 253



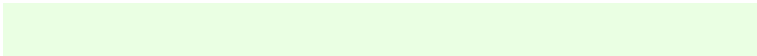
255, 162, 189

Sweetspot

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



154, 209, 135



234, 255, 227



209, 189, 135



115, 128, 111



0, 0, 0



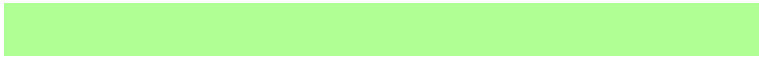
128, 128, 128

Same Dimension

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



154, 209, 135



175, 255, 148



135, 209, 152



97, 105, 94



43, 168, 0



10, 41, 0

Inverse Universe

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



190, 135, 209



228, 148, 255



209, 135, 192



102, 94, 105



125, 0, 168



30, 0, 41

Previews

White Background



This preview shows how the RGB color 154, 209, 135 looks on a white background.

Color Contrast Check

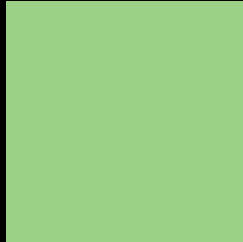
Large Text (above 18pt) WCAG AA × Fail

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, 209, 135 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, 209, 135 Background



This preview shows how black text looks on a background with the RGB color 154, 209, 135.

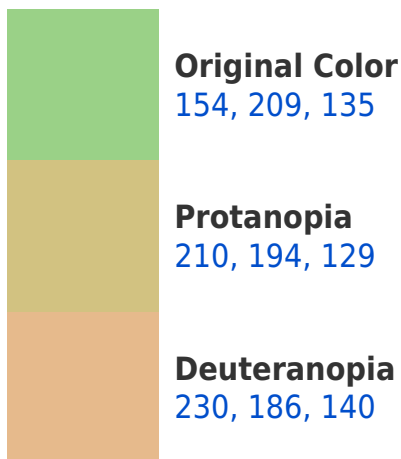


This preview shows how white text looks on a background with the RGB color 154, 209, 135.

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
167, 199, 215

Trichromacy



Original Color

154, 209, 135

Protanomaly

190, 199, 131

Deuteranomaly

202, 194, 138

Tritanomaly

162, 203, 186

Monochromacy



Original Color

154, 209, 135

Achromatopsia

184, 184, 184

Achromatomaly

173, 193, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 209, 135 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, 209, 135)` looks like.

```
.text, #text, p{  
    color:rgb(154, 209, 135)  
}
```

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, 209, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 209, 135) }
```

Border

The CSS property to change the border of an element to RGB 154, 209, 135 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, 209, 135) }
```

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

```
.border{ border-color:rgb(154, 209, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 209, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 209, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 209, 135);  
box-shadow:4px 4px 4px 4px rgb(154, 209,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 154, 209, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 209, 135) }
```

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

```
.background{ background-color: rgb(154,  
209, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor