

Converting Colors

RGB(169, 249, 155)

Have a look what the booklet for
RGB(169, 249, 155) contains.

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Color

RGB(169, 249, 155)

Conversions

Conversions Part 1

Format	Color
Hex	A9F99B
RGB	169, 249, 155
RGB Percent	66%, 98%, 61%
CMY	0.3373, 0.0235, 0.3922
CMYK	0.32, 0.00, 0.38, 0.02
HSL	111°, 89%, 79%
HSV	111°, 38%, 98%
XYZ	56.1543, 78.5529, 43.2129
YIQ	214.3640, -17.5060, -46.1940

Conversions

Conversions Part 2

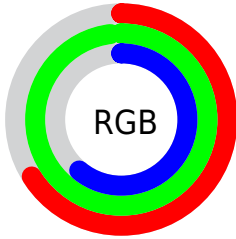
Format	Color
RYB	155, 249, 235
Decimal	11139483
CIELab	91.03, -41.79, 37.56
CIElCh	91, 56.191, 138.052
Yxy	78.5529, 0.3156, 0.4415
Android (android.graphics.Color)	4289329563 (0xFFA9F99B)
YUV	214.3640, -29.2665, -39.7842
Hunter-Lab	88.6301, -42.0086, 33.1333

Details

The RGB color **169, 249, 155** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **235, 155, 249**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **226, 255, 210**, and **114, 192, 103** is the 20% darker color. If you saturate the color by 10%, you get **148, 249, 130**, and if you desaturate by 10%, it is **190, 249, 180**.

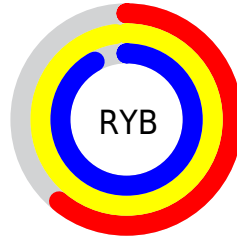
Distribution



Red (66%)

Green (98%)

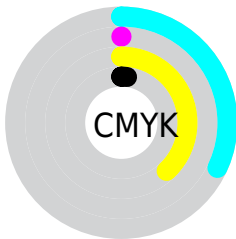
Blue (61%)



Red (61%)

Yellow (98%)

Blue (92%)

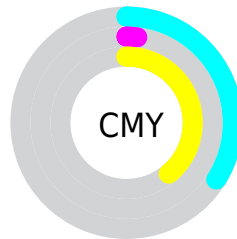


Cyan (32%)

Magenta (0%)

Yellow (38%)

Black (2%)



Cyan (34%)

Magenta (2%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 249, 155 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 169, 249, 155 by changing the saturation by 10% instead.

 169, 249, 155

255, 255, 255

 226, 255, 210


 255, 255, 239

 169, 249, 155

 141, 220, 128

 114, 192, 103

 86, 165, 77

 59, 138, 53

 28, 112, 28

 0, 87, 0

 0, 63, 0

 0, 41, 0

 0, 7, 0

 169, 249, 155


 169, 249, 155

 148, 249, 130

 190, 249, 180

 127, 249, 105

 211, 249, 205

 105, 249, 80

 233, 249, 230

 84, 249, 55

 254, 249, 255

 63, 249, 30

 255, 249, 255

 42, 249, 6

 37, 249, 0

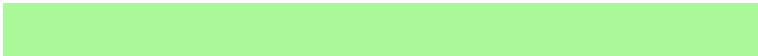
Harmonies

Analogous

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



231, 236, 124



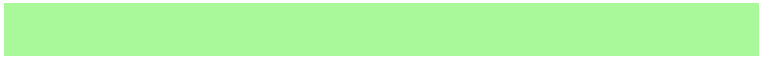
169, 249, 155



87, 255, 205

Triad

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



169, 249, 155



90, 241, 255



255, 187, 199

Complementary

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



169, 249, 155



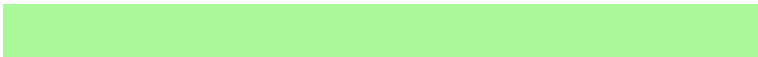
235, 155, 249

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, 188, 253



169, 249, 155



201, 223, 255

Square

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



169, 249, 155



0, 253, 255



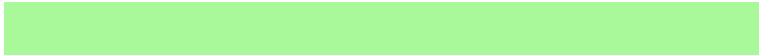
255, 203, 255



255, 200, 151

Rectangle

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



169, 249, 155



0, 255, 243



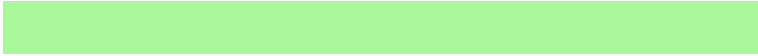
255, 203, 255



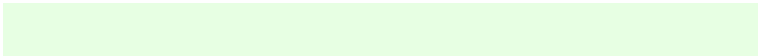
255, 185, 217

Sweetspot

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



169, 249, 155



231, 255, 227



249, 235, 155



113, 128, 111



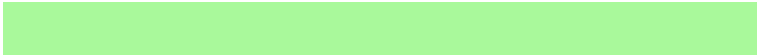
0, 0, 0



128, 128, 128

Same Dimension

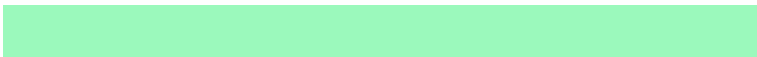
The Same Dimension uses a secret algorithm to generate beautiful new colors.



169, 249, 155



157, 255, 140



155, 249, 188



114, 125, 112



28, 189, 0



9, 61, 0

Inverse Universe

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



235, 155, 249



238, 140, 255



249, 155, 216



123, 112, 125



161, 0, 189



52, 0, 61

Previews

White Background



This preview shows how the RGB color 169, 249, 155 looks on a white background.

Color Contrast Check

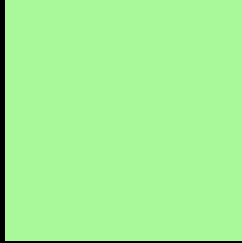
Large Text (above 18pt) WCAG AA × Fail

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 169, 249, 155 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 169, 249, 155 Background



This preview shows how black text looks on a background with the RGB color 169, 249, 155.

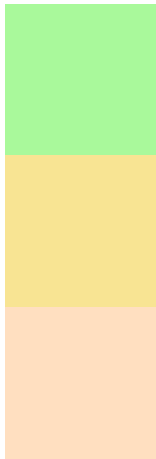


This preview shows how white text looks on a background with the RGB color 169, 249, 155.

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
169, 249, 155

Protanopia
248, 228, 147

Deuteranopia
255, 223, 192



Tritanopia
188, 237, 255

Trichromacy



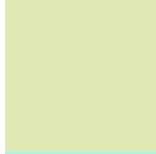
Original Color

169, 249, 155



Protanomaly

219, 236, 150



Deuteranomaly

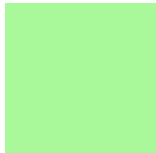
224, 232, 179



Tritanomaly

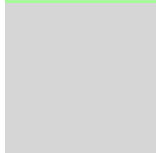
181, 241, 219

Monochromacy



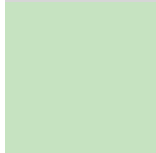
Original Color

169, 249, 155



Achromatopsia

214, 214, 214



Achromatomaly

198, 227, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 249, 155 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(169, 249, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 249, 155)  
}
```

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(169, 249, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 249, 155) }
```

Border

The CSS property to change the border of an element to RGB 169, 249, 155 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(169, 249, 155) }
```

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

```
.border{ border-color:rgb(169, 249, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 249, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 249, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 249, 155); box-shadow:4px 4px 4px 4px rgb(169, 249, 155) }
```

Background

The CSS property to change the background color of an element to RGB 169, 249, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 249, 155) }
```

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

```
.background{ background-color: rgb(169,  
249, 155) }
```

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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