

Converting Colors

RGB(155, 236, 133)

Have a look what the booklet for
RGB(155, 236, 133) contains.

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Color

RGB(155, 236, 133)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BEC85 |
| RGB | 155, 236, 133 |
| RGB Percent | 61%, 93%, 52% |
| CMY | 0.3922, 0.0745, 0.4784 |
| CMYK | 0.34, 0.00, 0.44, 0.07 |
| HSL | 107°, 73%, 72% |
| HSV | 107°, 44%, 93% |
| XYZ | 47.7467, 68.6529, 32.9251 |
| YIQ | 200.0390, -15.2130, -49.2050 |

Conversions

Conversions Part 2

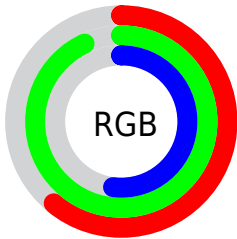
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 133, 236, 214 |
| Decimal | 10218629 |
| CIELab | 86.33, -43.62, 42.19 |
| CIElCh | 86, 60.684, 135.950 |
| Yxy | 68.6529, 0.3198, 0.4598 |
| Android (android.graphics.Color) | 4288408709 (0xFF9BEC85) |
| YUV | 200.0390, -33.0502, -39.4992 |
| Hunter-Lab | 82.8571, -42.1386, 34.4397 |

Details

The RGB color **155, 236, 133** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **214, 133, 236**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **212, 255, 187**, and **99, 180, 81** is the 20% darker color. If you saturate the color by 10%, you get **136, 236, 109**, and if you desaturate by 10%, it is **174, 236, 157**.

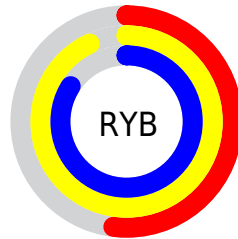
Distribution



Red (61%)

Green (93%)

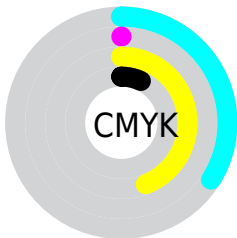
Blue (52%)



Red (52%)

Yellow (93%)

Blue (84%)

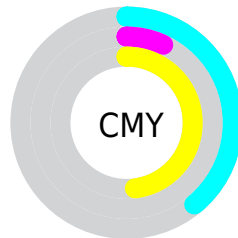


Cyan (34%)

Magenta (0%)

Yellow (44%)

Black (7%)



Cyan (39%)

Magenta (7%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 155, 236, 133 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 155, 236, 133 by changing the saturation by 10% instead.

 155, 236, 133

255, 255, 255

 212, 255, 187


 241, 255, 216


 255, 255, 244

 155, 236, 133

 127, 207, 107

 99, 180, 81

 72, 152, 56

 42, 126, 30

 0, 100, 0

 0, 76, 0

 0, 52, 0

 0, 30, 0

 0, 0, 0

 155, 236, 133

 155, 236, 133

 136, 236, 109

 174, 236, 157

 118, 236, 86

 192, 236, 180

 99, 236, 62


 211, 236, 204

 81, 236, 39

 229, 236, 227

 62, 236, 15

 248, 236, 251

 50, 236, 0

 255, 236, 255

Harmonies

Analogous

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



220, 222, 101



155, 236, 133



51, 243, 186

Triad

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



155, 236, 133



0, 230, 255



255, 168, 187

Complementary

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



155, 236, 133



214, 133, 236

Split Complementary

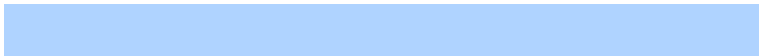
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 171, 246



155, 236, 133



175, 211, 255

Square

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



155, 236, 133



0, 241, 255



255, 189, 255



255, 182, 136

Rectangle

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



155, 236, 133



0, 245, 226



255, 189, 255



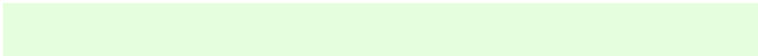
255, 167, 207

Sweetspot

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



155, 236, 133



229, 255, 222



236, 214, 133



111, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



155, 236, 133



151, 255, 122



133, 236, 162



108, 117, 106



39, 181, 0



11, 54, 0

Inverse Universe

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



214, 133, 236



227, 122, 255



236, 133, 207



115, 106, 117



142, 0, 181



42, 0, 54

Previews

White Background



This preview shows how the RGB color 155, 236, 133 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 155, 236, 133 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 155, 236, 133 Background



This preview shows how black text looks on a background with the RGB color 155, 236, 133.

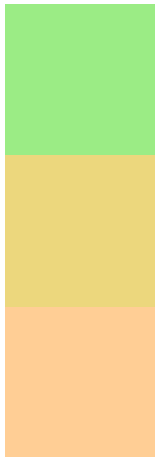


This preview shows how white text looks on a background with the RGB color 155, 236, 133.

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
155, 236, 133

Protanopia
236, 215, 125

Deuteranopia
255, 206, 149



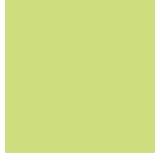
Tritanopia
174, 223, 241

Trichromacy



Original Color

155, 236, 133



Protanomaly

207, 223, 128



Deuteranomaly

219, 217, 143



Tritanomaly

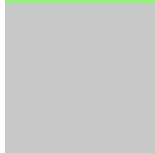
167, 228, 202

Monochromacy



Original Color

155, 236, 133



Achromatopsia

200, 200, 200



Achromatomaly

184, 213, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 236, 133 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(155, 236, 133)` looks like.

```
.text, #text, p{  
    color:rgb(155, 236, 133)  
}
```

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(155, 236, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 236, 133) }
```

Border

The CSS property to change the border of an element to RGB 155, 236, 133 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(155, 236, 133) }
```

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

```
.border{ border-color:rgb(155, 236, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 236, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 236, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 236, 133);  
box-shadow:4px 4px 4px 4px rgb(155, 236,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 155, 236, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 236, 133) }
```

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

```
.background{ background-color: rgb(155,  
236, 133) }
```

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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