

Converting Colors

RGB(155, 239, 140)

Have a look what the booklet for
RGB(155, 239, 140) contains.

RGB(155, 239, 140)	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(155, 239, 140)

Conversions

Conversions Part 1

Format	Color
Hex	9BEF8C
RGB	155, 239, 140
RGB Percent	61%, 94%, 55%
CMY	0.3922, 0.0627, 0.4510
CMYK	0.35, 0.00, 0.41, 0.06
HSL	111°, 76%, 74%
HSV	111°, 41%, 94%
XYZ	49.1177, 70.5950, 35.8484
YIQ	202.5980, -18.2850, -48.5970

Conversions

Conversions Part 2

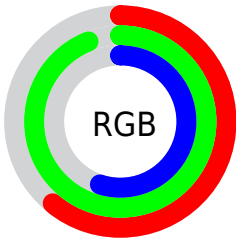
Format	Color
RYB	140, 239, 224
Decimal	10219404
CIELab	87.29, -43.97, 39.98
CIELCh	87, 59.427, 137.719
Yxy	70.5950, 0.3157, 0.4538
Android (android.graphics.Color)	4288409484 (0xFF9BEF8C)
YUV	202.5980, -30.8608, -41.7434
Hunter-Lab	84.0208, -42.6873, 33.5179

Details

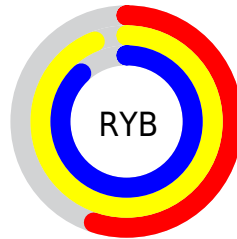
The RGB color **155, 239, 140** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **224, 140, 239**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **212, 255, 195**, and **99, 182, 88** is the 20% darker color. If you saturate the color by 10%, you get **135, 239, 116**, and if you desaturate by 10%, it is **175, 239, 164**.

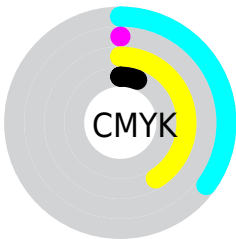
Distribution



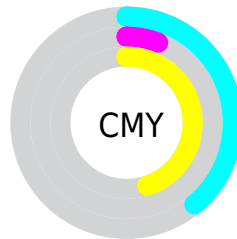
- Red (61%)
- Green (94%)
- Blue (55%)



- Red (55%)
- Yellow (94%)
- Blue (88%)



- Cyan (35%)
- Magenta (0%)
- Yellow (41%)
- Black (6%)



- Cyan (39%)
- Magenta (6%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 155, 239, 140 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, 239, 140 by changing the saturation by 10% instead.

 155, 239, 140

255, 255, 255

 212, 255, 195


 241, 255, 223


 255, 255, 252


 155, 239, 140

 127, 210, 114

 99, 182, 88

 72, 155, 63

 42, 129, 38

 0, 103, 10

 0, 78, 0

 0, 54, 0

 0, 33, 0


 0, 0, 0

 155, 239, 140

 155, 239, 140

 135, 239, 116

 175, 239, 164

 114, 239, 92

 196, 239, 188

 94, 239, 68


 216, 239, 212

 74, 239, 44

 236, 239, 236

 54, 239, 20

 255, 239, 255

 36, 239, 0

Harmonies

Analogous

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



220, 226, 107



155, 239, 140



54, 246, 193

Triad

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



155, 239, 140



33, 231, 255



255, 173, 187

Complementary

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



155, 239, 140



224, 140, 239

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, 174, 244



155, 239, 140



185, 213, 255

Square

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



155, 239, 140



0, 243, 255



255, 191, 255



255, 187, 137

Rectangle

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



155, 239, 140



0, 248, 232



255, 191, 255



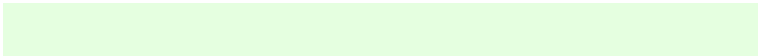
255, 171, 206

Sweetspot

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



155, 239, 140



229, 255, 224



239, 223, 140



112, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



155, 239, 140



147, 255, 128



140, 239, 173



110, 120, 108



28, 184, 0



8, 56, 0

Inverse Universe

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



224, 140, 239



236, 128, 255



239, 140, 206



118, 108, 120



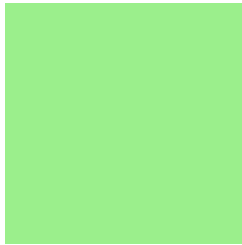
156, 0, 184



48, 0, 56

Previews

White Background



This preview shows how the RGB color 155, 239, 140 looks on a white background.

Color Contrast Check

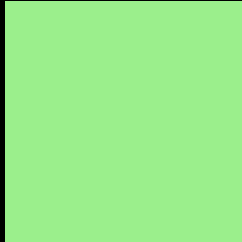
Large Text (above 18pt) WCAG AA × Fail

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, 239, 140 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, 239, 140 Background



This preview shows how black text looks on a background with the RGB color 155, 239, 140.

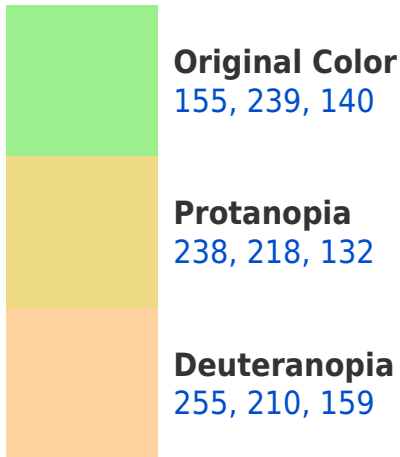


This preview shows how white text looks on a background with the RGB color 155, 239, 140.

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
174, 227, 245

Trichromacy



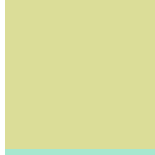
Original Color

155, 239, 140



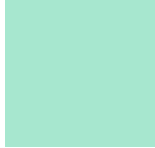
Protanomaly

208, 226, 135



Deuteranomaly

219, 221, 152



Tritanomaly

167, 231, 207

Monochromacy



Original Color

155, 239, 140



Achromatopsia

203, 203, 203



Achromatomaly

186, 216, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 239, 140 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, 239, 140)` looks like.

```
.text, #text, p{  
    color:rgb(155, 239, 140)  
}
```

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, 239, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 239, 140) }
```

Border

The CSS property to change the border of an element to RGB 155, 239, 140 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, 239, 140) }
```

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

```
.border{ border-color:rgb(155, 239, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 239, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 239, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 239, 140);  
box-shadow:4px 4px 4px 4px rgb(155, 239,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 155, 239, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 239, 140) }
```

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

```
.background{ background-color: rgb(155,  
239, 140) }
```

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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