

Converting Colors

RGB(135, 247, 137)

Have a look what the booklet for
RGB(135, 247, 137) contains.

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Color

RGB(135, 247, 137)

Conversions

Conversions Part 1

Format	Color
Hex	87F789
RGB	135, 247, 137
RGB Percent	53%, 97%, 54%
CMY	0.4706, 0.0314, 0.4627
CMYK	0.45, 0.00, 0.45, 0.03
HSL	121°, 88%, 75%
HSV	121°, 45%, 97%
XYZ	47.7678, 73.4786, 35.3321
YIQ	200.9720, -31.4420, -57.9540

Conversions

Conversions Part 2

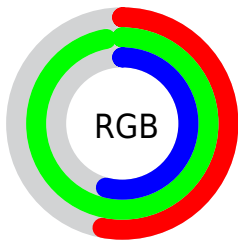
Format	Color
RYB	135, 245, 247
Decimal	8910729
CIELab	88.68, -53.66, 43.04
CIELCh	89, 68.786, 141.267
Yxy	73.4786, 0.3051, 0.4693
Android (android.graphics.Color)	4287100809 (0xFF87F789)
YUV	200.9720, -31.5382, -57.8574
Hunter-Lab	85.7196, -50.5392, 35.5655

Details

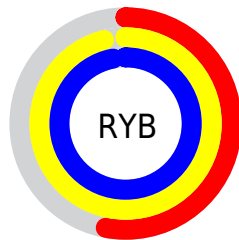
The RGB color **135, 247, 137** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **247, 135, 245**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **193, 255, 192**, and **76, 190, 85** is the 20% darker color. If you saturate the color by 10%, you get **110, 247, 113**, and if you desaturate by 10%, it is **160, 247, 161**.

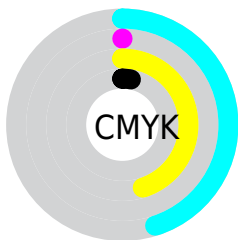
Distribution



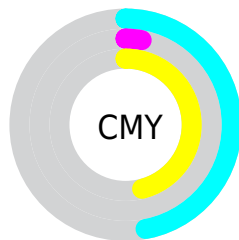
- Red (53%)
- Green (97%)
- Blue (54%)



- Red (53%)
- Yellow (96%)
- Blue (97%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (3%)



- Cyan (47%)
- Magenta (3%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 247, 137 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 135, 247, 137 by changing the saturation by 10% instead.

 135, 247, 137

255, 255, 255


 193, 255, 192


 223, 255, 220


 253, 255, 249


 135, 247, 137

 106, 218, 111

 76, 190, 85

 41, 162, 59

 0, 135, 34

 0, 109, 2

 0, 84, 0

 0, 59, 0

 0, 36, 0

 0, 0, 0

 135, 247, 137

 135, 247, 137

 110, 247, 113

 160, 247, 161

 86, 247, 88

 184, 247, 186

 61, 247, 64

 209, 247, 210

 36, 247, 40

 234, 247, 234

 12, 247, 16

 255, 247, 255

 0, 247, 4

Harmonies

Analogous

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



214, 233, 93



135, 247, 137



0, 254, 201

Triad

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



135, 247, 137



0, 235, 255



255, 168, 179

Complementary

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



135, 247, 137



247, 135, 245

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, 167, 245



135, 247, 137



194, 213, 255

Square

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



135, 247, 137



0, 249, 255



255, 186, 255



255, 188, 122

Rectangle

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



135, 247, 137



0, 255, 246



255, 186, 255



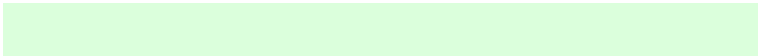
255, 165, 200

Sweetspot

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



135, 247, 137



219, 255, 220



245, 247, 135



106, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



135, 247, 137



117, 255, 120



135, 247, 193



110, 122, 110



0, 186, 3



0, 59, 1

Inverse Universe

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



247, 135, 245



255, 117, 253



247, 135, 189



122, 110, 122



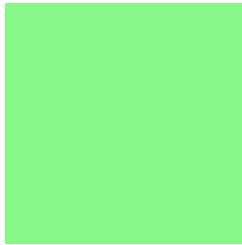
186, 0, 183



59, 0, 58

Previews

White Background



This preview shows how the RGB color 135, 247, 137 looks on a white background.

Color Contrast Check

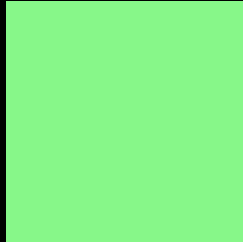
Large Text (above 18pt) WCAG AA × Fail

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 135, 247, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

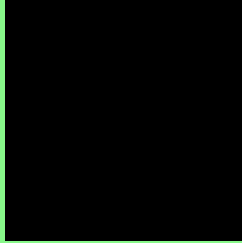
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

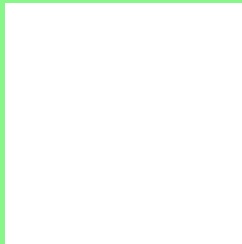
Any Text WCAG AAA ✓ Pass

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

RGB 135, 247, 137 Background



This preview shows how black text looks on a background with the RGB color 135, 247, 137.

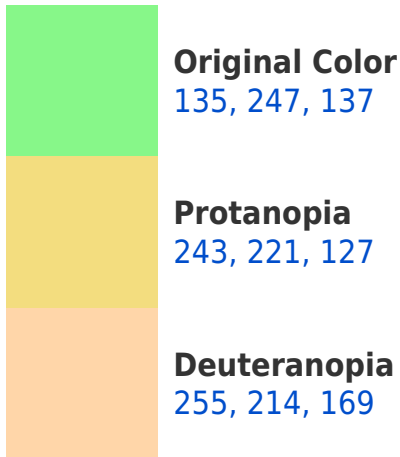


This preview shows how white text looks on a background with the RGB color 135, 247, 137.

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





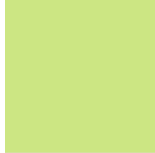
Tritanopia
159, 234, 253

Trichromacy



Original Color

135, 247, 137



Protanomaly

204, 230, 131



Deuteranomaly

211, 226, 157



Tritanomaly

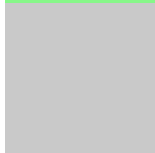
150, 239, 211

Monochromacy



Original Color

135, 247, 137



Achromatopsia

201, 201, 201



Achromatomaly

177, 218, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 247, 137 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(135, 247, 137)` looks like.

```
.text, #text, p{  
    color:rgb(135, 247, 137)  
}
```

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(135, 247, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 247, 137) }
```

Border

The CSS property to change the border of an element to RGB 135, 247, 137 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(135, 247, 137) }
```

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

```
.border{ border-color:rgb(135, 247, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 247, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 247, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 247, 137);  
box-shadow:4px 4px 4px 4px rgb(135, 247,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 135, 247, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 247, 137) }
```

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

```
.background{ background-color: rgb(135,  
247, 137) }
```

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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