

Converting Colors

RGB(135, 230, 131)

Have a look what the booklet for
RGB(135, 230, 131) contains.

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Color

RGB(135, 230, 131)

Conversions

Conversions Part 1

Format	Color
Hex	87E683
RGB	135, 230, 131
RGB Percent	53%, 90%, 51%
CMY	0.4706, 0.0980, 0.4863
CMYK	0.41, 0.00, 0.43, 0.10
HSL	118°, 66%, 71%
HSV	118°, 43%, 90%
XYZ	42.3852, 63.3832, 31.4730
YIQ	190.3090, -24.8410, -50.9290

Conversions

Conversions Part 2

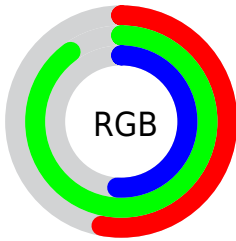
Format	Color
RYB	131, 230, 226
Decimal	8906371
CIELab	83.64, -47.50, 39.56
CIElCh	84, 61.817, 140.210
Yxy	63.3832, 0.3088, 0.4618
Android (android.graphics.Color)	4287096451 (0xFF87E683)
YUV	190.3090, -29.2393, -48.5060
Hunter-Lab	79.6136, -44.2927, 32.2909

Details

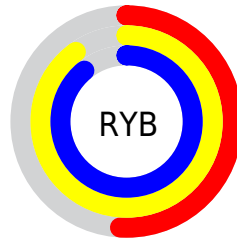
The RGB color **135, 230, 131** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **226, 131, 230**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **192, 255, 185**, and **78, 174, 80** is the 20% darker color. If you saturate the color by 10%, you get **113, 230, 108**, and if you desaturate by 10%, it is **157, 230, 154**.

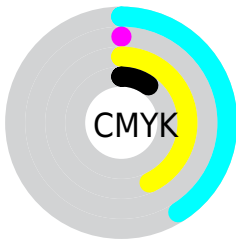
Distribution



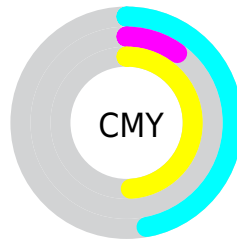
- Red (53%)
- Green (90%)
- Blue (51%)



- Red (51%)
- Yellow (90%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 230, 131 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, 230, 131 by changing the saturation by 10% instead.

 135, 230, 131

 135, 230, 131


255, 255, 255

 107, 202, 105


 192, 255, 185

 78, 174, 80

 221, 255, 213

 48, 147, 55

 251, 255, 242

 2, 120, 29

 0, 95, 0

 0, 70, 0

 0, 47, 0

 0, 21, 0

 0, 0, 0

 135, 230, 131

 135, 230, 131

 113, 230, 108

 157, 230, 154

 91, 230, 85

 179, 230, 177

 69, 230, 62

 201, 230, 200

 47, 230, 39

 223, 230, 223

 25, 230, 16

 245, 230, 246

 9, 230, 0

 255, 230, 255

Harmonies

Analogous

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



204, 217, 94



135, 230, 131



0, 237, 187

Triad

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



135, 230, 131



0, 220, 255



255, 161, 171

Complementary

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



135, 230, 131



226, 131, 230

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, 161, 230



135, 230, 131



181, 201, 255

Square

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



135, 230, 131



0, 233, 255



255, 178, 255



255, 177, 121

Rectangle

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



135, 230, 131



0, 238, 227



255, 178, 255



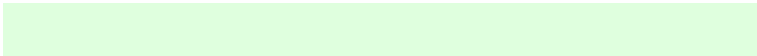
255, 158, 191

Sweetspot

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



135, 230, 131



223, 255, 222



230, 225, 131



108, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



135, 230, 131



128, 255, 122



131, 230, 176



104, 115, 103



7, 179, 0



2, 51, 0

Inverse Universe

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



226, 131, 230



250, 122, 255



230, 131, 185



114, 103, 115



171, 0, 179



49, 0, 51

Previews

White Background



This preview shows how the RGB color 135, 230, 131 looks on a white background.

Color Contrast Check

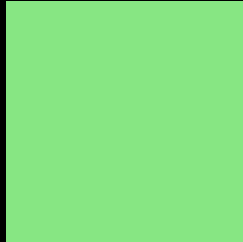
Large Text (above 18pt) WCAG AA × Fail

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, 230, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

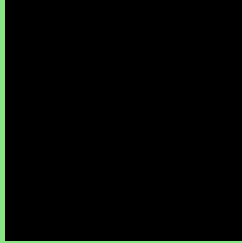
Any Text WCAG AA ✓ Pass

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, 230, 131 Background



This preview shows how black text looks on a background with the RGB color 135, 230, 131.

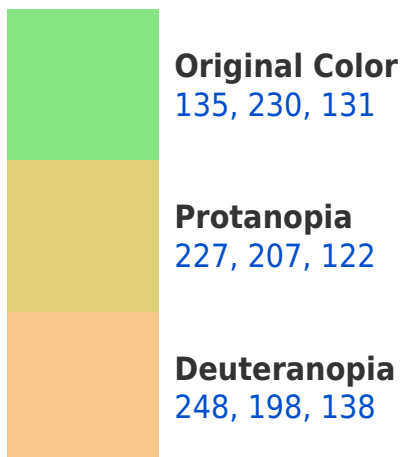


This preview shows how white text looks on a background with the RGB color 135, 230, 131.

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





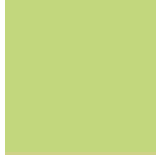
Tritanopia
155, 218, 235

Trichromacy



Original Color

135, 230, 131



Protanomaly

194, 215, 125



Deuteranomaly

207, 210, 135



Tritanomaly

148, 222, 197

Monochromacy



Original Color

135, 230, 131



Achromatopsia

190, 190, 190



Achromatomaly

170, 205, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 230, 131 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, 230, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 230, 131)  
}
```

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, 230, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 230, 131) }
```

Border

The CSS property to change the border of an element to RGB 135, 230, 131 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, 230, 131) }
```

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

```
.border{ border-color:rgb(135, 230, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 230, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 230, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 230, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 230,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 135, 230, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 230, 131) }
```

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

```
.background{ background-color: rgb(135,  
230, 131) }
```

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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