

Converting Colors

RGB(131, 211, 139)

Have a look what the booklet for
RGB(131, 211, 139) contains.

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Color

RGB(131, 211, 139)

Conversions

Conversions Part 1

Format	Color
Hex	83D38B
RGB	131, 211, 139
RGB Percent	51%, 83%, 55%
CMY	0.4863, 0.1725, 0.4549
CMYK	0.38, 0.00, 0.34, 0.17
HSL	126°, 48%, 67%
HSV	126°, 38%, 83%
XYZ	37.3145, 53.2779, 32.7431
YIQ	178.8720, -24.5680, -39.3520

Conversions

Conversions Part 2

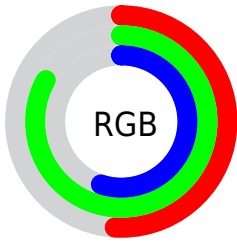
Format	Color
RYB	131, 204, 211
Decimal	8639371
CIELab	78.04, -39.23, 28.14
CIElCh	78, 48.277, 144.342
Yxy	53.2779, 0.3025, 0.4320
Android (android.graphics.Color)	4286829451 (0xFF83D38B)
YUV	178.8720, -19.6569, -41.9837
Hunter-Lab	72.9917, -36.4834, 24.4975

Details

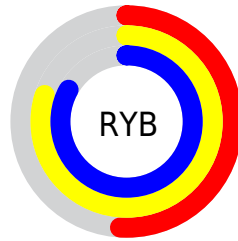
The RGB color **131, 211, 139** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **211, 131, 203**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **187, 255, 193**, and **77, 156, 88** is the 20% darker color. If you saturate the color by 10%, you get **110, 211, 120**, and if you desaturate by 10%, it is **152, 211, 158**.

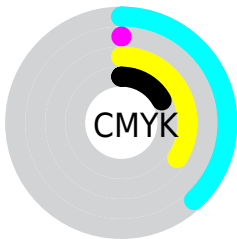
Distribution



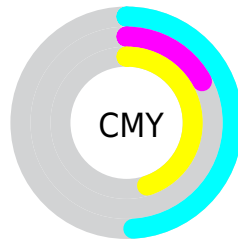
- Red (51%)
- Green (83%)
- Blue (55%)



- Red (51%)
- Yellow (80%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (34%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 211, 139 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 131, 211, 139 by changing the saturation by 10% instead.

 131, 211, 139


255, 255, 255


 187, 255, 193

 215, 255, 221

 245, 255, 250

 131, 211, 139

 104, 183, 113

 77, 156, 88

 49, 129, 64

 16, 104, 41

 0, 79, 18

 0, 55, 0

 0, 35, 0

 0, 0, 0

 131, 211, 139

 131, 211, 139

 110, 211, 120

 152, 211, 158

 89, 211, 101

 173, 211, 177

 68, 211, 82

 194, 211, 196

 47, 211, 63

 215, 211, 215

 25, 211, 44

 237, 211, 234

 4, 211, 25

 255, 211, 253

 0, 211, 21

 255, 211, 255

Harmonies

Analogous

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



184, 201, 109



131, 211, 139



57, 216, 183

Triad

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



131, 211, 139



103, 200, 255



255, 159, 158

Complementary

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



131, 211, 139



211, 131, 203

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, 157, 203



131, 211, 139



184, 185, 255

Square

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



131, 211, 139



0, 211, 255



241, 168, 246



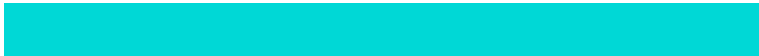
255, 171, 122

Rectangle

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



131, 211, 139



0, 216, 214



241, 168, 246



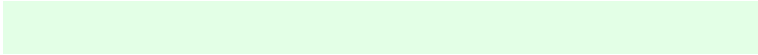
255, 157, 173

Sweetspot

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



131, 211, 139



227, 255, 230



203, 211, 131



111, 128, 113



0, 0, 0



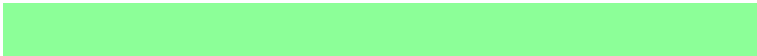
128, 128, 128

Same Dimension

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



131, 211, 139



140, 255, 152



131, 211, 179



94, 105, 95



0, 168, 17



0, 41, 4

Inverse Universe

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



211, 131, 203



255, 140, 244



211, 131, 163



105, 94, 104



168, 0, 151



41, 0, 37

Previews

White Background



This preview shows how the RGB color 131, 211, 139 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 131, 211, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

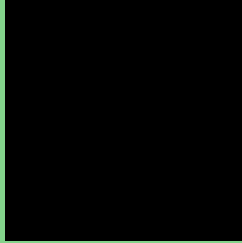
Any Text WCAG AA ✓ Pass

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 131, 211, 139 Background



This preview shows how black text looks on a background with the RGB color 131, 211, 139.



This preview shows how white text looks on a background with the RGB color 131, 211, 139.

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
131, 211, 139

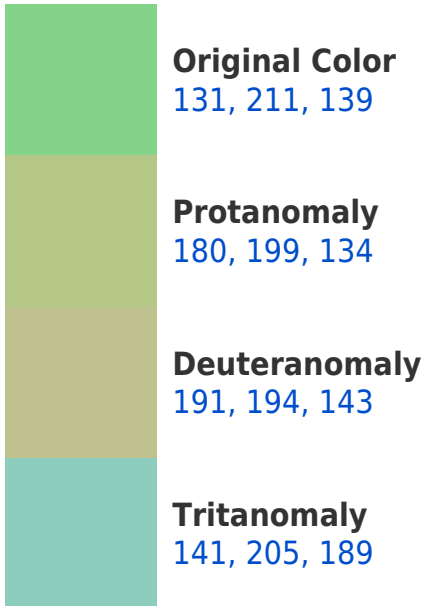
Protanopia
208, 192, 131

Deuteranopia
226, 184, 145

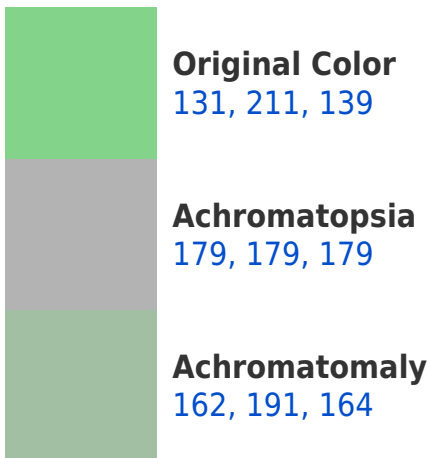


Tritanopia
147, 201, 217

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 211, 139 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(131, 211, 139)` looks like.

```
.text, #text, p{  
    color:rgb(131, 211, 139)  
}
```

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(131, 211, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 211, 139) }
```

Border

The CSS property to change the border of an element to RGB 131, 211, 139 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(131, 211, 139) }
```

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

```
.border{ border-color:rgb(131, 211, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 211, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 211, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 211, 139);  
box-shadow:4px 4px 4px 4px rgb(131, 211,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 131, 211, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 211, 139) }
```

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

```
.background{ background-color: rgb(131,  
211, 139) }
```

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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