

Converting Colors

RGB(129, 206, 141)

Have a look what the booklet for
RGB(129, 206, 141) contains.

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Color

RGB(129, 206, 141)

Conversions

Conversions Part 1

Format	Color
Hex	81CE8D
RGB	129, 206, 141
RGB Percent	51%, 81%, 55%
CMY	0.4941, 0.1922, 0.4471
CMYK	0.37, 0.00, 0.32, 0.19
HSL	129°, 44%, 66%
HSV	129°, 37%, 81%
XYZ	35.9323, 50.7328, 33.0979
YIQ	175.5670, -25.0270, -36.5390

Conversions

Conversions Part 2

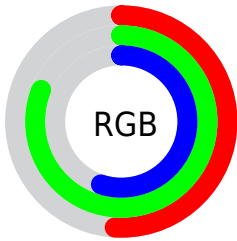
Format	Color
RYB	129, 196, 206
Decimal	8507021
CIELab	76.52, -37.24, 25.04
CIELCh	77, 44.876, 146.089
Yxy	50.7328, 0.3000, 0.4236
Android (android.graphics.Color)	4286697101 (0xFF81CE8D)
YUV	175.5670, -17.0415, -40.8393
Hunter-Lab	71.2270, -34.5983, 22.3079

Details

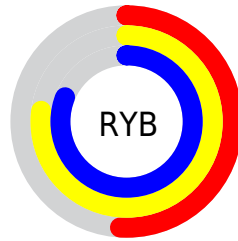
The RGB color **129, 206, 141** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **206, 129, 194**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **184, 255, 195**, and **75, 151, 90** is the 20% darker color. If you saturate the color by 10%, you get **108, 206, 124**, and if you desaturate by 10%, it is **150, 206, 158**.

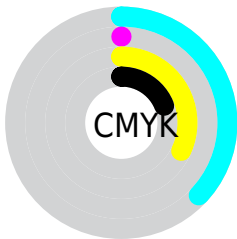
Distribution



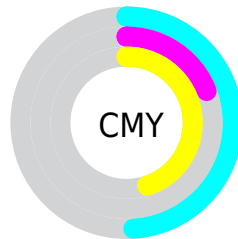
- Red (51%)
- Green (81%)
- Blue (55%)



- Red (51%)
- Yellow (77%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (32%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RGB color 129, 206, 141 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 129, 206, 141 by changing the saturation by 10% instead.

 129, 206, 141

 129, 206, 141


255, 255, 255

 102, 178, 115

 184, 255, 195

 75, 151, 90

 213, 255, 223

 48, 125, 66

 242, 255, 252

 15, 99, 43

 0, 75, 21

 0, 51, 0

 0, 31, 0

 0, 0, 0

 129, 206, 141

 129, 206, 141


 108, 206, 124

 150, 206, 158

 88, 206, 106

 170, 206, 176

 67, 206, 89

 191, 206, 193

 47, 206, 71

 211, 206, 211

 26, 206, 54

 232, 206, 228

 5, 206, 37

 253, 206, 245

 0, 206, 32

 255, 206, 255

Harmonies

Analogous

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



178, 197, 112



129, 206, 141



65, 210, 182

Triad

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



129, 206, 141



114, 195, 255



255, 158, 154

Complementary

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



129, 206, 141



206, 129, 194

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, 156, 196



129, 206, 141



185, 180, 255

Square

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



129, 206, 141



0, 205, 255



236, 165, 236



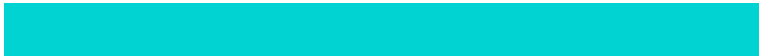
252, 170, 121

Rectangle

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



129, 206, 141



0, 211, 210



236, 165, 236



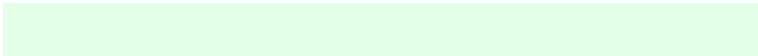
255, 156, 168

Sweetspot

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



129, 206, 141



227, 255, 231



194, 206, 129



111, 128, 114



0, 0, 0



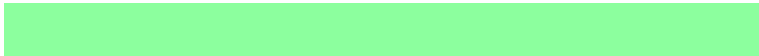
128, 128, 128

Same Dimension

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



129, 206, 141



140, 255, 158



129, 206, 179



92, 102, 93



0, 166, 26



0, 38, 6

Inverse Universe

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



206, 129, 194



255, 140, 237



206, 129, 156



102, 92, 100



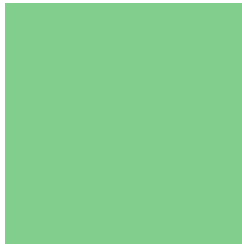
166, 0, 140



38, 0, 32

Previews

White Background



This preview shows how the RGB color 129, 206, 141 looks on a white background.

Color Contrast Check

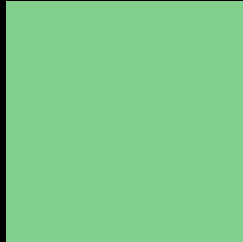
Large Text (above 18pt) WCAG AA × Fail

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 129, 206, 141 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 129, 206, 141 Background



This preview shows how black text looks on a background with the RGB color 129, 206, 141.

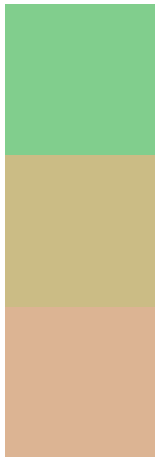


This preview shows how white text looks on a background with the RGB color 129, 206, 141.

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
129, 206, 141

Protanopia
203, 188, 133

Deuteranopia
220, 180, 147



Tritanopia
144, 197, 213

Trichromacy



Original Color
129, 206, 141

Protanomaly
176, 195, 136

Deuteranomaly
187, 189, 145

Tritanomaly
139, 200, 187

Monochromacy



Original Color
129, 206, 141

Achromatopsia
176, 176, 176

Achromatomaly
159, 187, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 206, 141 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(129, 206, 141)` looks like.

```
.text, #text, p{  
    color:rgb(129, 206, 141)  
}
```

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(129, 206, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 206, 141) }
```

Border

The CSS property to change the border of an element to RGB 129, 206, 141 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(129, 206, 141) }
```

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

```
.border{ border-color:rgb(129, 206, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 206, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 206, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 206, 141); box-shadow:4px 4px 4px 4px rgb(129, 206, 141) }
```

Background

The CSS property to change the background color of an element to RGB 129, 206, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 206, 141) }
```

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

```
.background{ background-color: rgb(129,  
206, 141) }
```

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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