

Converting Colors

RGB(129, 204, 113)

Have a look what the booklet for
RGB(129, 204, 113) contains.

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Color

RGB(129, 204, 113)

Conversions

Conversions Part 1

Format	Color
Hex	81CC71
RGB	129, 204, 113
RGB Percent	51%, 80%, 44%
CMY	0.4941, 0.2000, 0.5569
CMYK	0.37, 0.00, 0.45, 0.20
HSL	109°, 47%, 62%
HSV	109°, 45%, 80%
XYZ	33.6268, 49.0451, 23.3171
YIQ	171.2010, -15.4890, -44.2010

Conversions

Conversions Part 2

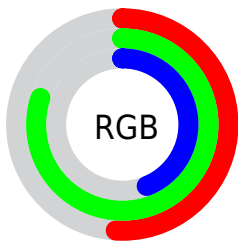
Format	Color
RYB	113, 204, 188
Decimal	8506481
CIELab	75.48, -40.68, 38.07
CIELCh	75, 55.710, 136.897
Yxy	49.0451, 0.3173, 0.4627
Android (android.graphics.Color)	4286696561 (0xFF81CC71)
YUV	171.2010, -28.6931, -37.0103
Hunter-Lab	70.0322, -36.8476, 29.2820

Details

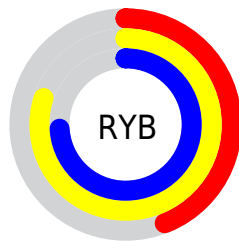
The RGB color **129, 204, 113** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **188, 113, 204**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **185, 255, 166**, and **75, 149, 63** is the 20% darker color. If you saturate the color by 10%, you get **112, 204, 93**, and if you desaturate by 10%, it is **146, 204, 133**.

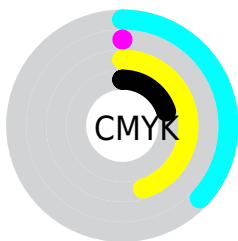
Distribution



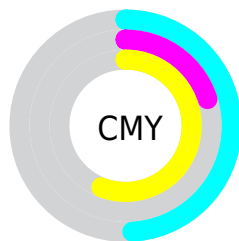
- Red (51%)
- Green (80%)
- Blue (44%)



- Red (44%)
- Yellow (80%)
- Blue (74%)



- Cyan (37%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 204, 113 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, 204, 113 by changing the saturation by 10% instead.

 129, 204, 113

255, 255, 255

 185, 255, 166

 213, 255, 194

 243, 255, 222


 255, 255, 251

 129, 204, 113

 102, 176, 88

 75, 149, 63

 47, 123, 38

 11, 98, 11

 0, 73, 0

 0, 50, 0

 0, 28, 0

 0, 0, 0

 129, 204, 113

 129, 204, 113

■ 112, 204, 93

■ 146, 204, 133

■ 95, 204, 72

■ 163, 204, 154

■ 79, 204, 52

■ 179, 204, 174

■ 62, 204, 31

■ 196, 204, 195

■ 45, 204, 11

■ 213, 204, 215

■ 36, 204, 0

■ 230, 204, 235

■ 247, 204, 255

■ 255, 204, 255

Harmonies

Analogous

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



188, 192, 83



129, 204, 113



21, 210, 161

Triad

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



129, 204, 113



0, 198, 255



255, 143, 159

Complementary

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



129, 204, 113



188, 113, 204

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, 145, 211



129, 204, 113



152, 181, 255

Square

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



129, 204, 113



0, 208, 255



227, 161, 255



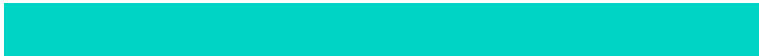
255, 156, 113

Rectangle

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



129, 204, 113



0, 212, 197



227, 161, 255



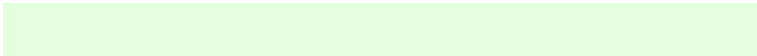
255, 142, 176

Sweetspot

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



129, 204, 113



228, 255, 222



204, 187, 113



111, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



129, 204, 113



142, 255, 117



113, 204, 142



94, 102, 92



29, 166, 0



7, 38, 0

Inverse Universe

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



188, 113, 204



231, 117, 255



204, 113, 175



100, 92, 102



137, 0, 166



32, 0, 38

Previews

White Background



This preview shows how the RGB color 129, 204, 113 looks on a white background.

Color Contrast Check

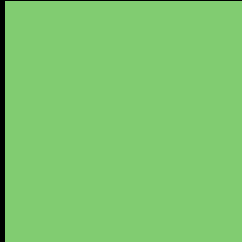
Large Text (above 18pt) WCAG AA × Fail

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, 204, 113 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, 204, 113 Background



This preview shows how black text looks on a background with the RGB color 129, 204, 113.

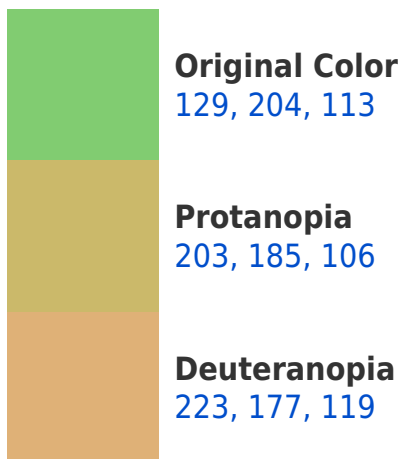


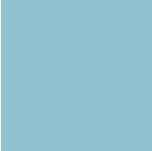
This preview shows how white text looks on a background with the RGB color 129, 204, 113.

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
146, 193, 209

Trichromacy



Original Color

129, 204, 113



Protanomaly

176, 192, 109



Deuteranomaly

189, 187, 117



Tritanomaly

140, 197, 174

Monochromacy



Original Color

129, 204, 113



Achromatopsia

171, 171, 171



Achromatomaly

156, 183, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 204, 113 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, 204, 113)` looks like.

```
.text, #text, p{  
    color:rgb(129, 204, 113)  
}
```

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, 204, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 204, 113) }
```

Border

The CSS property to change the border of an element to RGB 129, 204, 113 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, 204, 113) }
```

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

```
.border{ border-color:rgb(129, 204, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 204, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 204, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 204, 113);  
box-shadow:4px 4px 4px 4px rgb(129, 204,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 129, 204, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 204, 113) }
```

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

```
.background{ background-color: rgb(129,  
204, 113) }
```

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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