

Converting Colors

RGB(129, 197, 147)

Have a look what the booklet for
RGB(129, 197, 147) contains.

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Color

RGB(129, 197, 147)

Conversions

Conversions Part 1

Format	Color
Hex	81C593
RGB	129, 197, 147
RGB Percent	51%, 77%, 58%
CMY	0.4941, 0.2275, 0.4235
CMYK	0.35, 0.00, 0.25, 0.23
HSL	136°, 37%, 64%
HSV	136°, 35%, 77%
XYZ	34.2860, 46.7062, 34.8119
YIQ	170.9680, -24.4780, -29.9660

Conversions

Conversions Part 2

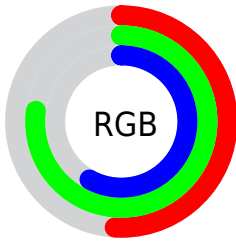
Format	Color
RYB	129, 183, 197
Decimal	8504723
CIELab	74.00, -32.01, 18.42
CIElCh	74, 36.929, 150.085
Yxy	46.7062, 0.2961, 0.4033
Android (android.graphics.Color)	4286694803 (0xFF81C593)
YUV	170.9680, -11.8162, -36.8059
Hunter-Lab	68.3419, -30.0480, 17.6383

Details

The RGB color **129, 197, 147** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 129, 179**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **184, 254, 201**, and **76, 143, 96** is the 20% darker color. If you saturate the color by 10%, you get **109, 197, 133**, and if you desaturate by 10%, it is **149, 197, 161**.

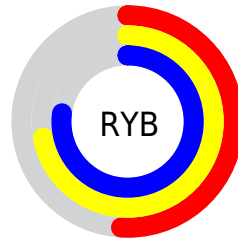
Distribution



Red (51%)

Green (77%)

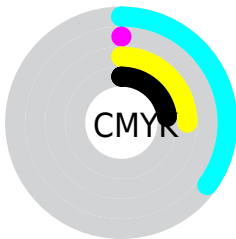
Blue (58%)



Red (51%)

Yellow (72%)

Blue (77%)

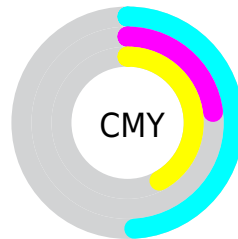


Cyan (35%)

Magenta (0%)

Yellow (25%)

Black (23%)



Cyan (49%)

Magenta (23%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 197, 147 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, 197, 147 by changing the saturation by 10% instead.

 129, 197, 147


255, 255, 255

 184, 254, 201


 212, 255, 229

 241, 255, 255

 129, 197, 147

 102, 170, 121

 76, 143, 96

 50, 117, 72

 22, 92, 49


 0, 68, 28

 0, 45, 4

 0, 23, 0


 0, 0, 0


 129, 197, 147


 129, 197, 147

 109, 197, 133


 149, 197, 161

 90, 197, 118


 168, 197, 176

 70, 197, 104


 188, 197, 190

 50, 197, 89


 208, 197, 205

 30, 197, 75

 228, 197, 219

 11, 197, 60

 247, 197, 234

 0, 197, 52

 255, 197, 248

 255, 197, 255

Harmonies

Analogous

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



169, 190, 122



129, 197, 147



86, 200, 181

Triad

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



129, 197, 147



134, 185, 249



247, 159, 150

Complementary

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



129, 197, 147



197, 129, 179

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.



246, 156, 183



129, 197, 147



186, 173, 241

Square

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



129, 197, 147



80, 194, 240



225, 162, 216



232, 168, 124

Rectangle

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



129, 197, 147



61, 200, 204



225, 162, 216



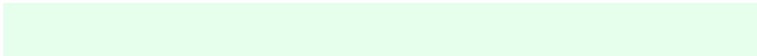
249, 157, 160

Sweetspot

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



129, 197, 147



230, 255, 236



180, 197, 129



112, 128, 116



0, 0, 0



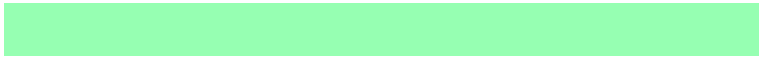
128, 128, 128

Same Dimension

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



129, 197, 147



150, 255, 178



129, 197, 180



90, 99, 92



0, 163, 43



0, 36, 9

Inverse Universe

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



197, 129, 179



255, 150, 227



197, 129, 146



99, 90, 97



163, 0, 120



36, 0, 26

Previews

White Background



This preview shows how the RGB color 129, 197, 147 looks on a white background.

Color Contrast Check

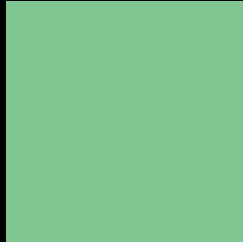
Large Text (above 18pt) WCAG AA × Fail

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, 197, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

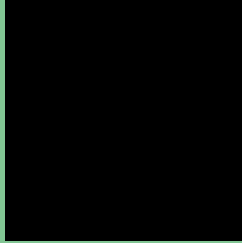
Any Text WCAG AA ✓ Pass

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, 197, 147 Background



This preview shows how black text looks on a background with the RGB color 129, 197, 147.

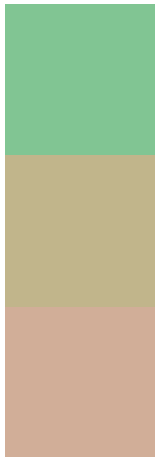


This preview shows how white text looks on a background with the RGB color 129, 197, 147.

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](#).

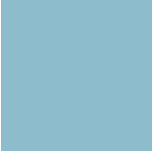
Dichromacy



Original Color
129, 197, 147

Protanopia
193, 181, 139

Deuteranopia
209, 174, 152



Tritanopia
141, 189, 205

Trichromacy



Original Color

129, 197, 147



Protanomaly

170, 187, 142



Deuteranomaly

180, 182, 150



Tritanomaly

137, 192, 184

Monochromacy



Original Color

129, 197, 147



Achromatopsia

171, 171, 171



Achromatomaly

156, 180, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 197, 147 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, 197, 147)` looks like.

```
.text, #text, p{  
    color:rgb(129, 197, 147)  
}
```

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, 197, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 197, 147) }
```

Border

The CSS property to change the border of an element to RGB 129, 197, 147 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, 197, 147) }
```

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

```
.border{ border-color:rgb(129, 197, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 197, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 197, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 197, 147);  
box-shadow:4px 4px 4px 4px rgb(129, 197,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 129, 197, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 197, 147) }
```

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

```
.background{ background-color: rgb(129,  
197, 147) }
```

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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