

Converting Colors

RGB(171, 195, 147)

Have a look what the booklet for
RGB(171, 195, 147) contains.

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Color

RGB(171, 195, 147)

Conversions

Conversions Part 1

Format	Color
Hex	ABC393
RGB	171, 195, 147
RGB Percent	67%, 76%, 58%
CMY	0.3294, 0.2353, 0.4235
CMYK	0.12, 0.00, 0.25, 0.24
HSL	90°, 29%, 67%
HSV	90°, 25%, 76%
XYZ	41.5762, 49.7947, 35.0238
YIQ	182.3520, 1.1040, -20.0160

Conversions

Conversions Part 2

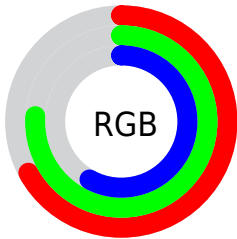
Format	Color
RYB	147, 195, 171
Decimal	11256723
CIELab	75.94, -16.75, 21.49
CIELCh	76, 27.247, 127.943
Yxy	49.7947, 0.3289, 0.3940
Android (android.graphics.Color)	4289446803 (0xFFABC393)
YUV	182.3520, -17.4285, -9.9557
Hunter-Lab	70.5654, -18.3197, 19.9683

Details

The RGB color **171, 195, 147** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **171, 147, 195**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **227, 252, 201**, and **118, 141, 96** is the 20% darker color. If you saturate the color by 10%, you get **161, 195, 128**, and if you desaturate by 10%, it is **181, 195, 166**.

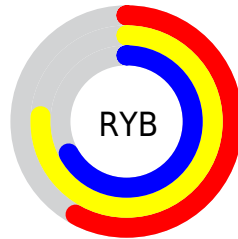
Distribution



Red (67%)

Green (76%)

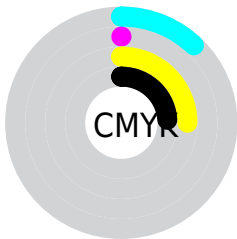
Blue (58%)



Red (58%)

Yellow (76%)

Blue (67%)

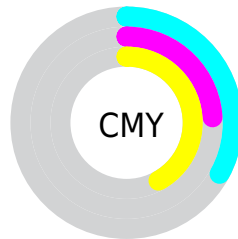


Cyan (12%)

Magenta (0%)

Yellow (25%)

Black (24%)



Cyan (33%)


Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 195, 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 171, 195, 147 by changing the saturation by 10% instead.


 171, 195, 147

255, 255, 255

 227, 252, 201

 255, 255, 229

 171, 195, 147


 144, 168, 121

 118, 141, 96

 93, 116, 72


 69, 91, 49


 46, 67, 27


 24, 45, 3


 0, 26, 0


 0, 0, 0


 171, 195, 147

 171, 195, 147


 161, 195, 128

 181, 195, 166


 152, 195, 108

 190, 195, 186


 142, 195, 89

 200, 195, 206


 132, 195, 69


 210, 195, 225

 122, 195, 49


 220, 195, 244

 112, 195, 30

 230, 195, 255

 103, 195, 11

 239, 195, 255

 98, 195, 0

 249, 195, 255

 255, 195, 255

Harmonies

Analogous

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



199, 188, 137



171, 195, 147



142, 200, 168

Triad

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



171, 195, 147



132, 195, 233



238, 169, 181

Complementary

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



171, 195, 147



171, 147, 195

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.



225, 171, 207



171, 195, 147



166, 187, 237

Square

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



171, 195, 147



113, 200, 217



200, 178, 227



236, 172, 157

Rectangle

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



171, 195, 147



126, 201, 185



200, 178, 227



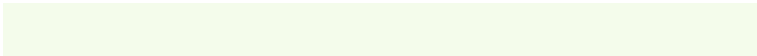
235, 169, 190

Sweetspot

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



171, 195, 147



244, 252, 235



195, 171, 147



122, 128, 117



0, 0, 0



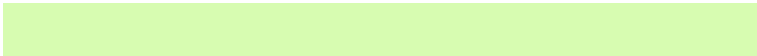
128, 128, 128

Same Dimension

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



171, 195, 147



215, 252, 177



147, 195, 147



92, 97, 87



80, 161, 0



17, 33, 0

Inverse Universe

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



171, 147, 195



215, 177, 252



195, 147, 195



92, 87, 97



80, 0, 161



17, 0, 33

Previews

White Background



This preview shows how the RGB color 171, 195, 147 looks on a white background.

Color Contrast Check

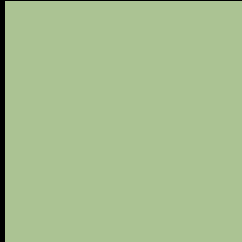
Large Text (above 18pt) WCAG AA × Fail

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 171, 195, 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 171, 195, 147 Background



This preview shows how black text looks on a background with the RGB color 171, 195, 147.



This preview shows how white text looks on a background with the RGB color 171, 195, 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](#).

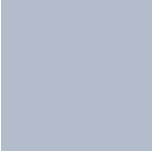
Dichromacy



Original Color
171, 195, 147

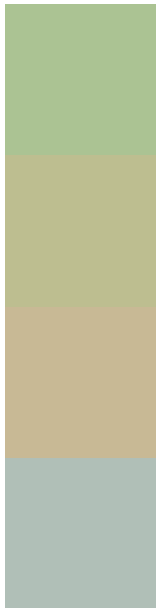
Protanopia
200, 187, 143

Deuteranopia
217, 179, 150



Tritanopia
179, 188, 203

Trichromacy



Original Color
171, 195, 147

Protanomaly
189, 190, 144

Deuteranomaly
200, 185, 149

Tritanomaly
176, 191, 183

Monochromacy



Original Color
171, 195, 147

Achromatopsia
182, 182, 182

Achromatomaly
178, 187, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 195, 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(171, 195, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 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(171, 195, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 147) }
```

Border

The CSS property to change the border of an element to RGB 171, 195, 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(171, 195, 147) }
```

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

```
.border{ border-color:rgb(171, 195, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 195, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 195, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 195, 147);  
box-shadow:4px 4px 4px 4px rgb(171, 195,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 171, 195, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 147) }
```

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

```
.background{ background-color: rgb(171,  
195, 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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