

Converting Colors

RGB(170, 201, 133)

Have a look what the booklet for
RGB(170, 201, 133) contains.

RGB(170, 201, 133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(170, 201, 133)

Conversions

Conversions Part 1

Format	Color
Hex	AAC985
RGB	170, 201, 133
RGB Percent	67%, 79%, 52%
CMY	0.3333, 0.2118, 0.4784
CMYK	0.15, 0.00, 0.34, 0.21
HSL	87°, 39%, 65%
HSV	87°, 34%, 79%
XYZ	41.6978, 52.0128, 30.0321
YIQ	183.9790, 3.3520, -27.7200

Conversions

Conversions Part 2

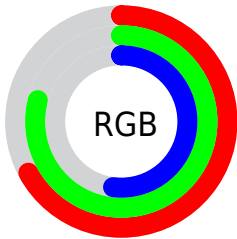
Format	Color
RYB	133, 201, 164
Decimal	11192709
CIELab	77.29, -22.18, 30.65
CIELCh	77, 37.839, 125.892
Yxy	52.0128, 0.3370, 0.4203
Android (android.graphics.Color)	4289382789 (0xFFAAC985)
YUV	183.9790, -25.1326, -12.2596
Hunter-Lab	72.1199, -23.0058, 25.7945

Details

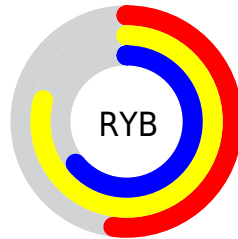
The RGB color **170, 201, 133** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **164, 133, 201**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **226, 255, 187**, and **117, 147, 82** is the 20% darker color. If you saturate the color by 10%, you get **161, 201, 113**, and if you desaturate by 10%, it is **179, 201, 153**.

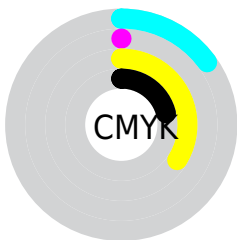
Distribution



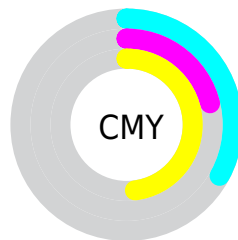
- Red (67%)
- Green (79%)
- Blue (52%)



- Red (52%)
- Yellow (79%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (34%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 201, 133 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 170, 201, 133 by changing the saturation by 10% instead.

 170, 201, 133


255, 255, 255

 226, 255, 187


 255, 255, 215

 255, 255, 243


 170, 201, 133


 143, 174, 107

 117, 147, 82

 91, 121, 59

 67, 96, 35

 43, 72, 12

 21, 49, 0

 0, 30, 0


 0, 0, 0

 170, 201, 133


 170, 201, 133

 161, 201, 113


 179, 201, 153

 152, 201, 93

 188, 201, 173

 143, 201, 73

 197, 201, 193

 133, 201, 53

 207, 201, 213

 124, 201, 33

 216, 201, 234

 115, 201, 12

 225, 201, 254

 109, 201, 0

 234, 201, 255

 243, 201, 255

 252, 201, 255

Harmonies

Analogous

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



208, 191, 121



170, 201, 133



128, 207, 161

Triad

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



170, 201, 133



97, 202, 254



255, 164, 185

Complementary

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



170, 201, 133



164, 133, 201

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.



241, 168, 220



170, 201, 133



153, 192, 255

Square

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



170, 201, 133



61, 208, 231



204, 179, 248



255, 168, 152

Rectangle

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



170, 201, 133



99, 210, 185



204, 179, 248



255, 164, 197

Sweetspot

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



170, 201, 133



243, 255, 230



201, 164, 133



121, 128, 112



0, 0, 0



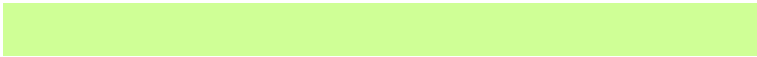
128, 128, 128

Same Dimension

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



170, 201, 133



207, 255, 150



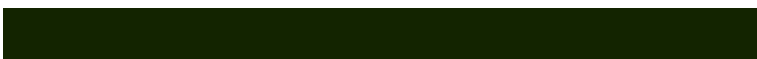
136, 201, 133



95, 99, 90



89, 163, 0



19, 36, 0

Inverse Universe

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



164, 133, 201



198, 150, 255



198, 133, 201



94, 90, 99



74, 0, 163



16, 0, 36

Previews

White Background



This preview shows how the RGB color 170, 201, 133 looks on a white background.

Color Contrast Check

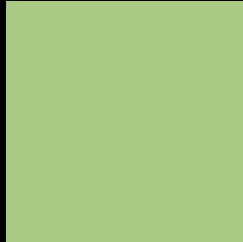
Large Text (above 18pt) WCAG AA × Fail

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 170, 201, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

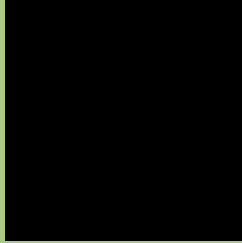
Any Text WCAG AA ✓ Pass

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 170, 201, 133 Background



This preview shows how black text looks on a background with the RGB color 170, 201, 133.



This preview shows how white text looks on a background with the RGB color 170, 201, 133.

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](#).

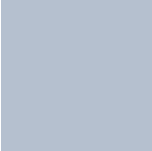
Dichromacy



Original Color
170, 201, 133

Protanopia
206, 190, 129

Deuteranopia
226, 182, 137



Tritanopia
181, 192, 207

Trichromacy



Original Color

170, 201, 133

Protanomaly

193, 194, 130

Deuteranomaly

206, 189, 136

Tritanomaly

177, 195, 180

Monochromacy



Original Color

170, 201, 133

Achromatopsia

184, 184, 184

Achromatomaly

179, 190, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 201, 133 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(170, 201, 133)` looks like.

```
.text, #text, p{  
    color:rgb(170, 201, 133)  
}
```

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(170, 201, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 201, 133) }
```

Border

The CSS property to change the border of an element to RGB 170, 201, 133 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(170, 201, 133) }
```

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

```
.border{ border-color:rgb(170, 201, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 201, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 201, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 201, 133);  
box-shadow:4px 4px 4px 4px rgb(170, 201,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 170, 201, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 201, 133) }
```

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

```
.background{ background-color: rgb(170,  
201, 133) }
```

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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