

Converting Colors

RGB(171, 201, 166)

Have a look what the booklet for
RGB(171, 201, 166) contains.

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Color

RGB(171, 201, 166)

Conversions

Conversions Part 1

Format	Color
Hex	ABC9A6
RGB	171, 201, 166
RGB Percent	67%, 79%, 65%
CMY	0.3294, 0.2118, 0.3490
CMYK	0.15, 0.00, 0.17, 0.21
HSL	111°, 24%, 72%
HSV	111°, 17%, 79%
XYZ	44.5642, 53.1844, 43.9932
YIQ	188.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

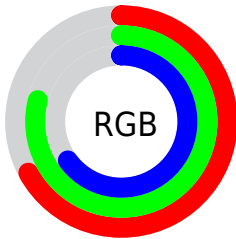
Format	Color
R _Y B	166, 201, 196
Decimal	11258278
CIE Lab	77.98, -16.67, 14.19
CIE LCh	78, 21.886, 139.599
Yxy	53.1844, 0.3144, 0.3752
Android (android.graphics.Color)	4289448358 (0xFFABC9A6)
YUV	188.0400, -10.8657, -14.9441
Hunter-Lab	72.9276, -18.5467, 15.2829

Details

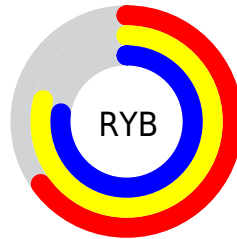
The RGB color **171, 201, 166** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196, 166, 201**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **227, 255, 221**, and **118, 147, 114** is the 20% darker color. If you saturate the color by 10%, you get **154, 201, 146**, and if you desaturate by 10%, it is **188, 201, 186**.

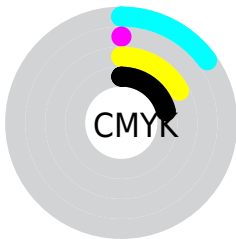
Distribution



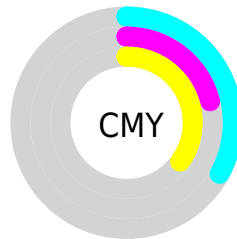
- Red (67%)
- Green (79%)
- Blue (65%)



- Red (65%)
- Yellow (79%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 201, 166 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, 201, 166 by changing the saturation by 10% instead.


 171, 201, 166

255, 255, 255


 227, 255, 221

 255, 255, 250

 171, 201, 166


 144, 174, 140


 118, 147, 114

 93, 121, 89

 69, 96, 66

 46, 72, 44

 24, 50, 23

 1, 29, 0

 0, 0, 0

 171, 201, 166

 171, 201, 166

 154, 201, 146


 188, 201, 186

 137, 201, 126

 205, 201, 206

 119, 201, 106

 223, 201, 226

 102, 201, 86


 240, 201, 246

 85, 201, 66

 255, 201, 255

 68, 201, 45

 50, 201, 25

 33, 201, 5

 29, 201, 0

Harmonies

Analogous

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



194, 196, 154



171, 201, 166



150, 204, 185

Triad

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



171, 201, 166



160, 197, 232



235, 179, 180

Complementary

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



171, 201, 166



196, 166, 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.



229, 179, 201



171, 201, 166



187, 190, 231

Square

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



171, 201, 166



141, 202, 223



212, 183, 219



230, 183, 163

Rectangle

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



171, 201, 166



140, 205, 199



212, 183, 219



235, 178, 187

Sweetspot

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



171, 201, 166



244, 255, 242



201, 196, 166



121, 128, 120



0, 0, 0



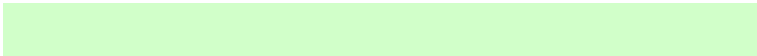
128, 128, 128

Same Dimension

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



171, 201, 166



209, 255, 201



166, 201, 178



91, 99, 90



23, 163, 0



5, 36, 0

Inverse Universe

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



196, 166, 201



247, 201, 255



201, 166, 189



98, 90, 99



140, 0, 163



31, 0, 36

Previews

White Background



This preview shows how the RGB color 171, 201, 166 looks on a white background.

Color Contrast Check

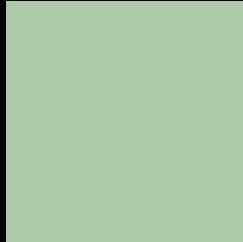
Large Text (above 18pt) WCAG AA × Fail

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, 201, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

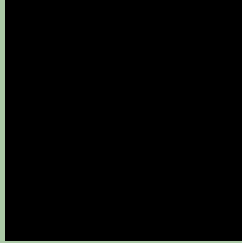
Any Text WCAG AA ✓ Pass

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, 201, 166 Background



This preview shows how black text looks on a background with the RGB color 171, 201, 166.



This preview shows how white text looks on a background with the RGB color 171, 201, 166.

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, 201, 166

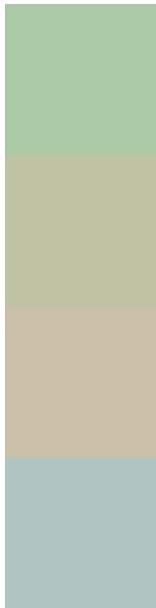
Protanopia
203, 192, 162

Deuteranopia
219, 185, 169



Tritanopia
178, 195, 210

Trichromacy



Original Color

171, 201, 166

Protanomaly

191, 195, 163

Deuteranomaly

202, 191, 168

Tritanomaly

175, 197, 194

Monochromacy



Original Color

171, 201, 166

Achromatopsia

188, 188, 188

Achromatomaly

182, 193, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 201, 166 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, 201, 166)` looks like.

```
.text, #text, p{  
    color:rgb(171, 201, 166)  
}
```

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, 201, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 201, 166) }
```

Border

The CSS property to change the border of an element to RGB 171, 201, 166 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, 201, 166) }
```

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

```
.border{ border-color:rgb(171, 201, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 201, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 201, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 201, 166);  
box-shadow:4px 4px 4px 4px rgb(171, 201,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 171, 201, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 201, 166) }
```

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

```
.background{ background-color: rgb(171,  
201, 166) }
```

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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