

# Converting Colors

RGB(196, 206, 167)

Have a look what the booklet for  
RGB(196, 206, 167) contains.

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# **Color**

**RGB(196, 206, 167)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4CEA7
RGB	196, 206, 167
RGB Percent	77%, 81%, 65%
CMY	0.2314, 0.1922, 0.3451
CMYK	0.05, 0.00, 0.19, 0.19
HSL	75°, 28%, 73%
HSV	75°, 19%, 81%
XYZ	51.8113, 58.6684, 45.1526
YIQ	198.5640, 6.5590, -14.2490

# Conversions

## Conversions Part 2

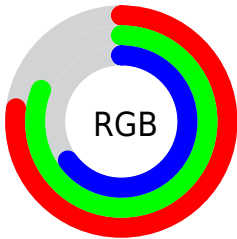
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 206, 177
Decimal	12897959
CIELab	81.11, -10.13, 18.29
CIElCh	81, 20.904, 118.985
Yxy	58.6684, 0.3329, 0.3770
Android (android.graphics.Color)	4291088039 (0xFFC4CEA7)
YUV	198.5640, -15.5611, -2.2486
Hunter-Lab	76.5953, -13.2991, 18.6655

# Details

The RGB color **196, 206, 167** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **177, 167, 206**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **253, 255, 222**, and **142, 152, 115** is the 20% darker color. If you saturate the color by 10%, you get **191, 206, 146**, and if you desaturate by 10%, it is **201, 206, 188**.

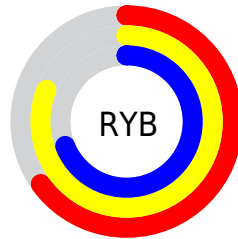
# Distribution



Red (77%)

Green (81%)

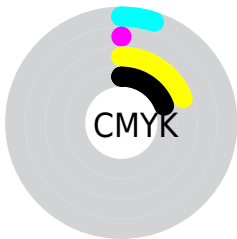
Blue (65%)



Red (65%)

Yellow (81%)

Blue (69%)

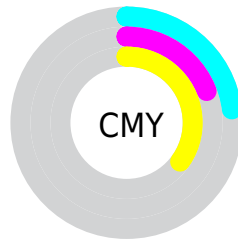


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 196, 206, 167 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 196, 206, 167 by changing the saturation by 10% instead.



 196, 206, 167


255, 255, 255

 253, 255, 222


 255, 255, 251


 196, 206, 167

 169, 179, 141

 142, 152, 115

 116, 126, 90

 91, 101, 67

 68, 77, 44

 45, 54, 23


 26, 33, 0


 0, 8, 0

 0, 0, 0

 196, 206, 167

 196, 206, 167

 191, 206, 146


 201, 206, 188

 185, 206, 126


 207, 206, 208

 180, 206, 105

 212, 206, 229

 175, 206, 85

 217, 206, 249

 170, 206, 64

 222, 206, 255

 164, 206, 43

 228, 206, 255

 159, 206, 23

 233, 206, 255

 154, 206, 2

 238, 206, 255

 153, 206, 0

 244, 206, 255

# Harmonies

## Analogous

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



217, 200, 163



196, 206, 167



174, 211, 181

# Triad

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



196, 206, 167



157, 209, 234



240, 188, 203

# Complementary

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



196, 206, 167



177, 167, 206

# 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.



226, 191, 222



196, 206, 167



178, 203, 240

# Square

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



196, 206, 167



149, 212, 220



204, 197, 236



242, 189, 183

# Rectangle

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



196, 206, 167



161, 212, 193



204, 197, 236



236, 188, 209



# Sweetspot

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



196, 206, 167



251, 255, 240



206, 177, 167



125, 128, 119



0, 0, 0



128, 128, 128

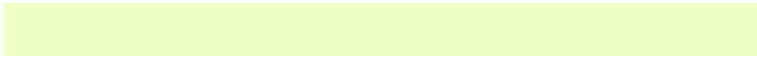


# Same Dimension

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



196, 206, 167



240, 255, 196



177, 206, 167



99, 102, 92



123, 166, 0



28, 38, 0



# Inverse Universe

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



177, 167, 206



211, 196, 255



196, 167, 206



94, 92, 102



42, 0, 166



10, 0, 38



# Previews

## White Background



This preview shows how the RGB color 196, 206, 167 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 196, 206, 167 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

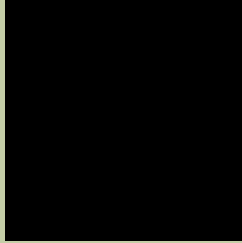
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

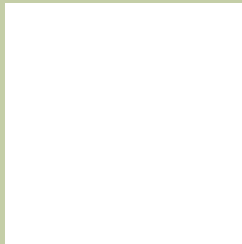
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 196, 206, 167 Background



This preview shows how black text looks on a background with the RGB color 196, 206, 167.

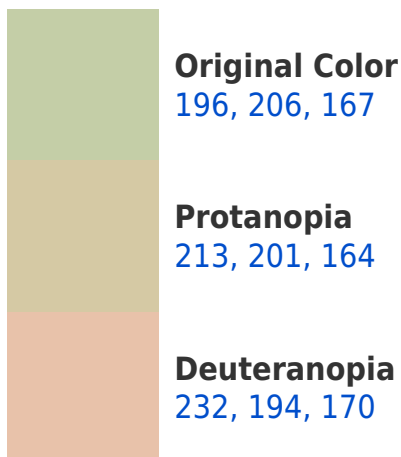



This preview shows how white text looks on a background with the RGB color 196, 206, 167.

# 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](#).

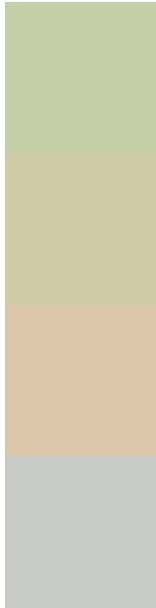
## Dichromacy





**Tritanopia**  
203, 199, 215

# Trichromacy



**Original Color**  
196, 206, 167

**Protanomaly**  
207, 203, 165

**Deuteranomaly**  
219, 198, 169

**Tritanomaly**  
200, 202, 198

# Monochromacy



**Original Color**  
196, 206, 167

**Achromatopsia**  
199, 199, 199

**Achromatomaly**  
198, 202, 187

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 196, 206, 167 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(196, 206, 167)` looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 167)  
}
```

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(196, 206, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 167) }
```

## Border

The CSS property to change the border of an element to RGB 196, 206, 167 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(196, 206, 167) }
```

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

```
.border{ border-color:rgb(196, 206, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 206, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 206, 167); box-shadow:4px 4px 4px 4px rgb(196, 206, 167) }
```

# Background

The CSS property to change the background color of an element to RGB 196, 206, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 167) }
```

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

```
.background{ background-color: rgb(196,  
206, 167) }
```

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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