

Converting Colors

RGB(196, 204, 168)

Have a look what the booklet for
RGB(196, 204, 168) contains.

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Color

RGB(196, 204, 168)

Conversions

Conversions Part 1

Format	Color
Hex	C4CCA8
RGB	196, 204, 168
RGB Percent	77%, 80%, 66%
CMY	0.2314, 0.2000, 0.3412
CMYK	0.04, 0.00, 0.18, 0.20
HSL	73°, 26%, 73%
HSV	73°, 18%, 80%
XYZ	51.4257, 57.7486, 45.4820
YIQ	197.5040, 6.7880, -12.8920

Conversions

Conversions Part 2

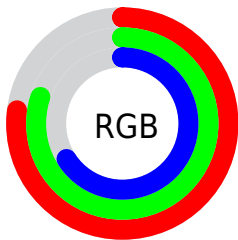
Format	Color
RYB	168, 204, 176
Decimal	12897448
CIELab	80.60, -8.95, 17.04
CIELCh	81, 19.250, 117.695
Yxy	57.7486, 0.3325, 0.3734
Android (android.graphics.Color)	4291087528 (0xFFC4CCA8)
YUV	197.5040, -14.5455, -1.3190
Hunter-Lab	75.9925, -12.1923, 17.7094

Details

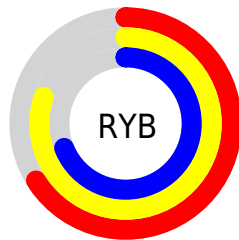
The RGB color **196, 204, 168** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **176, 168, 204**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **253, 255, 223**, and **142, 150, 116** is the 20% darker color. If you saturate the color by 10%, you get **191, 204, 148**, and if you desaturate by 10%, it is **201, 204, 188**.

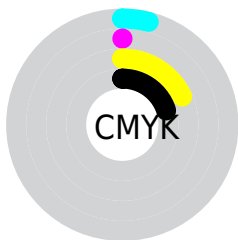
Distribution



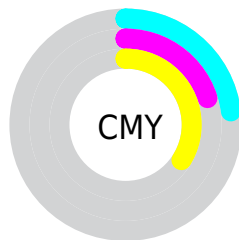
- Red (77%)
- Green (80%)
- Blue (66%)



- Red (66%)
- Yellow (80%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 204, 168 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, 204, 168 by changing the saturation by 10% instead.

 196, 204, 168


255, 255, 255

 253, 255, 223

 255, 255, 252


 196, 204, 168

 169, 177, 142

 142, 150, 116

 116, 124, 91

 92, 99, 67

 68, 75, 45

 45, 53, 24

 26, 31, 0

 0, 4, 0

 0, 0, 0

 196, 204, 168

 196, 204, 168

 191, 204, 148

 201, 204, 188

 187, 204, 127


 205, 204, 209

 182, 204, 107

 210, 204, 229

 178, 204, 86

 214, 204, 250

 173, 204, 66

 219, 204, 255

 169, 204, 46

 223, 204, 255

 164, 204, 25

 228, 204, 255

 160, 204, 5

 232, 204, 255

 159, 204, 0

 237, 204, 255

Harmonies

Analogous

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



216, 198, 164



196, 204, 168



176, 208, 180

Triad

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



196, 204, 168



159, 207, 230



235, 188, 202

Complementary

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



196, 204, 168



176, 168, 204

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.



222, 190, 220



196, 204, 168



178, 202, 236

Square

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



196, 204, 168



152, 210, 216



202, 196, 232



238, 188, 184

Rectangle

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



196, 204, 168



164, 210, 192



202, 196, 232



232, 188, 208

Sweetspot

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



196, 204, 168



252, 255, 242



204, 176, 168



126, 128, 120



0, 0, 0



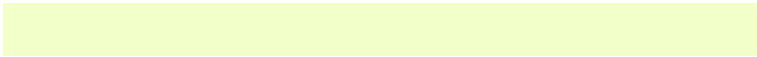
128, 128, 128

Same Dimension

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



196, 204, 168



243, 255, 201



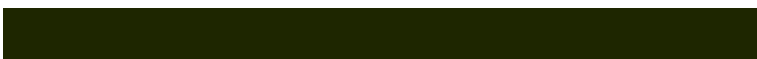
178, 204, 168



100, 102, 92



129, 166, 0



30, 38, 0

Inverse Universe

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



176, 168, 204



213, 201, 255



194, 168, 204



94, 92, 102



37, 0, 166



8, 0, 38

Previews

White Background



This preview shows how the RGB color 196, 204, 168 looks on a white background.

Color Contrast Check

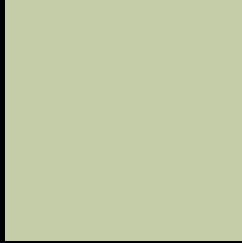
Large Text (above 18pt) WCAG AA × Fail

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, 204, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

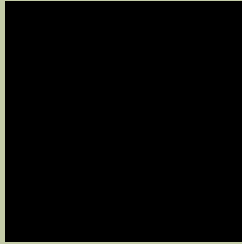
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

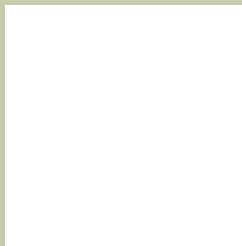
Any Text WCAG AAA ✓ Pass

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

RGB 196, 204, 168 Background



This preview shows how black text looks on a background with the RGB color 196, 204, 168.




This preview shows how white text looks on a background with the RGB color 196, 204, 168.

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](#).

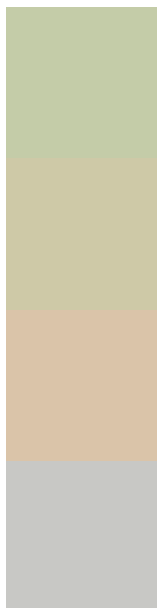
Dichromacy





Tritanopia
202, 198, 213

Trichromacy



Original Color

196, 204, 168

Protanomaly

206, 201, 167

Deuteranomaly

218, 196, 169

Tritanomaly

200, 200, 197

Monochromacy



Original Color

196, 204, 168

Achromatopsia

198, 198, 198

Achromatomaly

197, 200, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 204, 168 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, 204, 168)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 168)  
}
```

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, 204, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 168) }
```

Border

The CSS property to change the border of an element to RGB 196, 204, 168 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, 204, 168) }
```

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

```
.border{ border-color:rgb(196, 204, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 204, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 204, 168); box-shadow:4px 4px 4px 4px rgb(196, 204, 168) }
```

Background

The CSS property to change the background color of an element to RGB 196, 204, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 168) }
```

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

```
.background{ background-color: rgb(196,  
204, 168) }
```

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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