

Converting Colors

RGB(203, 204, 168)

Have a look what the booklet for
RGB(203, 204, 168) contains.

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Color

RGB(203, 204, 168)

Conversions

Conversions Part 1

Format	Color
Hex	CBCCA8
RGB	203, 204, 168
RGB Percent	80%, 80%, 66%
CMY	0.2039, 0.2000, 0.3412
CMYK	0.00, 0.00, 0.18, 0.20
HSL	62°, 26%, 73%
HSV	62°, 18%, 80%
XYZ	53.2894, 58.7094, 45.5692
YIQ	199.5970, 10.9600, -11.4080

Conversions

Conversions Part 2

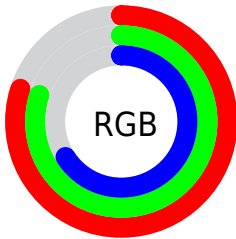
Format	Color
RYB	168, 204, 169
Decimal	13356200
CIELab	81.13, -6.38, 17.87
CIELCh	81, 18.972, 109.649
Yxy	58.7094, 0.3382, 0.3726
Android (android.graphics.Color)	4291546280 (0xFFCBCCA8)
YUV	199.5970, -15.5773, 2.9844
Hunter-Lab	76.6221, -9.9449, 18.3741

Details

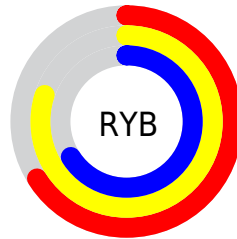
The RGB color **203, 204, 168** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **169, 168, 204**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 255, 223**, and **149, 150, 116** is the 20% darker color. If you saturate the color by 10%, you get **202, 204, 148**, and if you desaturate by 10%, it is **204, 204, 188**.

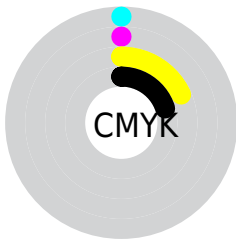
Distribution



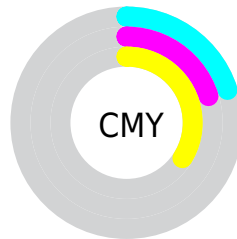
- Red (80%)
- Green (80%)
- Blue (66%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 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 203, 204, 168 by changing the saturation by 10% instead.

 203, 204, 168


255, 255, 255

 255, 255, 223

 255, 255, 252

 203, 204, 168

 175, 177, 142

 149, 150, 116

 123, 124, 91

 98, 99, 67

 73, 75, 45

 50, 53, 24

 30, 32, 0

 0, 8, 0

 0, 0, 0

 203, 204, 168

 203, 204, 168

 202, 204, 148


 204, 204, 188

 202, 204, 127


 204, 204, 209

 201, 204, 107


 205, 204, 229

 201, 204, 86

 205, 204, 250

 200, 204, 66

 206, 204, 255

 200, 204, 46

 206, 204, 255

 199, 204, 25

 207, 204, 255

 198, 204, 5

 208, 204, 255

 198, 204, 0

 208, 204, 255

Harmonies

Analogous

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



222, 198, 167



203, 204, 168



183, 209, 178

Triad

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



203, 204, 168



158, 209, 228



234, 190, 208

Complementary

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



203, 204, 168



169, 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.



219, 193, 225



203, 204, 168



174, 205, 236

Square

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



203, 204, 168



155, 212, 213



197, 199, 235



239, 190, 190

Rectangle

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



203, 204, 168



170, 211, 189



197, 199, 235



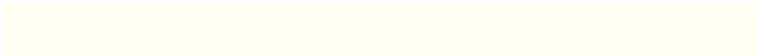
230, 191, 214

Sweetspot

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



203, 204, 168



255, 255, 242



204, 169, 168



127, 128, 120



0, 0, 0



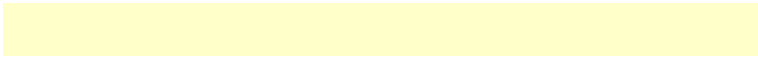
128, 128, 128

Same Dimension

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



203, 204, 168



254, 255, 201



185, 204, 168



102, 102, 92



161, 166, 0



37, 38, 0

Inverse Universe

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



169, 168, 204



203, 201, 255



187, 168, 204



92, 92, 102



5, 0, 166



1, 0, 38

Previews

White Background



This preview shows how the RGB color 203, 204, 168 looks on a white background.

Color Contrast Check

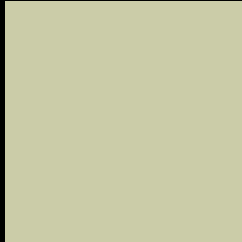
Large Text (above 18pt) WCAG AA × Fail

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 203, 204, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

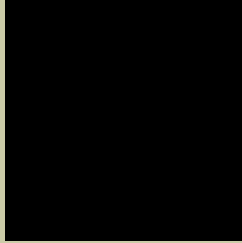
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

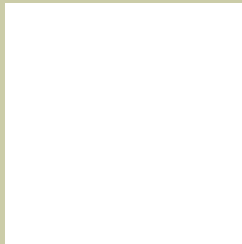
Any Text WCAG AAA ✓ Pass

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

RGB 203, 204, 168 Background



This preview shows how black text looks on a background with the RGB color 203, 204, 168.



This preview shows how white text looks on a background with the RGB color 203, 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](#).

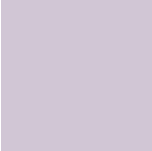
Dichromacy



Original Color
203, 204, 168

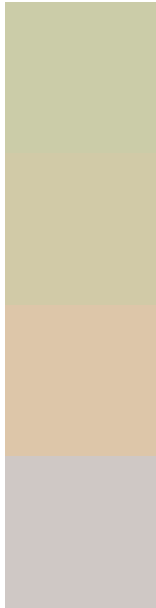
Protanopia
213, 201, 167

Deuteranopia
232, 194, 170



Tritanopia
209, 198, 213

Trichromacy



Original Color
203, 204, 168

Protanomaly
209, 202, 167

Deuteranomaly
221, 198, 169

Tritanomaly
207, 200, 197

Monochromacy



Original Color
203, 204, 168

Achromatopsia
200, 200, 200

Achromatomaly
201, 201, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 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(203, 204, 168)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 204, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 168) }
```

Border

The CSS property to change the border of an element to RGB 203, 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(203, 204, 168) }
```

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

```
.border{ border-color:rgb(203, 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(203, 204, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 168);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 203, 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(203, 204, 168) }
```

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

```
.background{ background-color: rgb(203,  
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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