

Converting Colors

RGB(203, 209, 168)

Have a look what the booklet for
RGB(203, 209, 168) contains.

RGB(203, 209, 168)	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(203, 209, 168)

Conversions

Conversions Part 1

Format	Color
Hex	CBD1A8
RGB	203, 209, 168
RGB Percent	80%, 82%, 66%
CMY	0.2039, 0.1804, 0.3412
CMYK	0.03, 0.00, 0.20, 0.18
HSL	69°, 31%, 74%
HSV	69°, 20%, 82%
XYZ	54.4969, 61.1246, 45.9717
YIQ	202.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

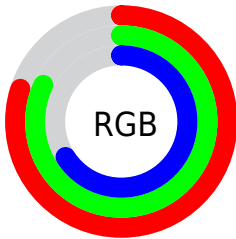
Format	Color
RYB	168, 209, 174
Decimal	13357480
CIELab	82.45, -8.95, 19.69
CIELCh	82, 21.633, 114.446
Yxy	61.1246, 0.3372, 0.3783
Android (android.graphics.Color)	4291547560 (0xFFCBD1A8)
YUV	202.5320, -17.0243, 0.4104
Hunter-Lab	78.1822, -12.3954, 19.8646

Details

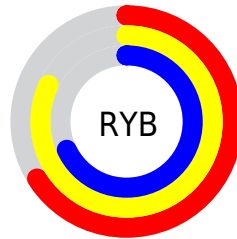
The RGB color **203, 209, 168** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **174, 168, 209**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 255, 223**, and **149, 155, 116** is the 20% darker color. If you saturate the color by 10%, you get **200, 209, 147**, and if you desaturate by 10%, it is **206, 209, 189**.

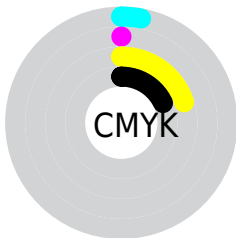
Distribution



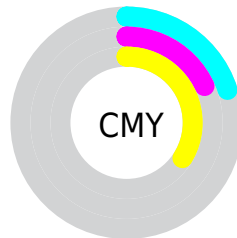
- Red (80%)
- Green (82%)
- Blue (66%)



- Red (66%)
- Yellow (82%)
- Blue (68%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 209, 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, 209, 168 by changing the saturation by 10% instead.

 203, 209, 168

255, 255, 255

 255, 255, 223


 255, 255, 252

 203, 209, 168

 175, 181, 141

 149, 155, 116

 123, 129, 91

 97, 104, 67

 73, 80, 45

 50, 57, 23

 30, 35, 0

 0, 15, 0

 0, 0, 0

 203, 209, 168

 203, 209, 168

 200, 209, 147


 206, 209, 189

 197, 209, 126

 209, 209, 210

 194, 209, 105


 212, 209, 231

 191, 209, 84

 215, 209, 252

 188, 209, 63

 218, 209, 255

 185, 209, 43

 221, 209, 255

 182, 209, 22

 224, 209, 255

 179, 209, 1

 227, 209, 255

 178, 209, 0

 231, 209, 255

Harmonies

Analogous

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



225, 202, 165



203, 209, 168



180, 214, 181

Triad

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



203, 209, 168



156, 214, 237



243, 191, 210

Complementary

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



203, 209, 168



174, 168, 209

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.



228, 195, 229



203, 209, 168



177, 208, 245

Square

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



203, 209, 168



150, 217, 221



204, 201, 242



248, 192, 189

Rectangle

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



203, 209, 168



166, 216, 194



204, 201, 242



240, 192, 217

Sweetspot

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



203, 209, 168



253, 255, 240



209, 173, 168



126, 128, 119



0, 0, 0



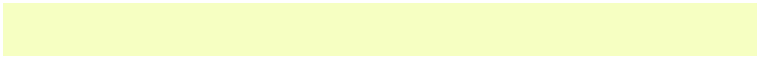
128, 128, 128

Same Dimension

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



203, 209, 168



246, 255, 194



183, 209, 168



103, 105, 94



144, 168, 0



35, 41, 0

Inverse Universe

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



174, 168, 209



203, 194, 255



194, 168, 209



96, 94, 105



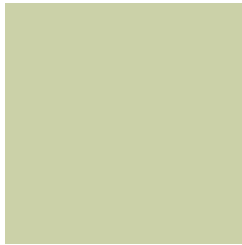
25, 0, 168



6, 0, 41

Previews

White Background



This preview shows how the RGB color 203, 209, 168 looks on a white background.

Color Contrast Check

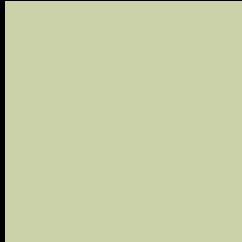
Large Text (above 18pt) WCAG AA × Fail

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, 209, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

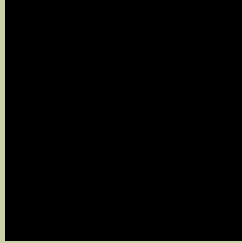
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

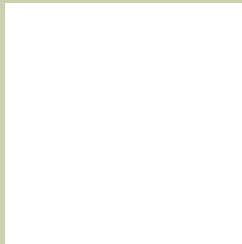
Any Text WCAG AAA ✓ Pass

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

RGB 203, 209, 168 Background



This preview shows how black text looks on a background with the RGB color 203, 209, 168.



This preview shows how white text looks on a background with the RGB color 203, 209, 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](#).

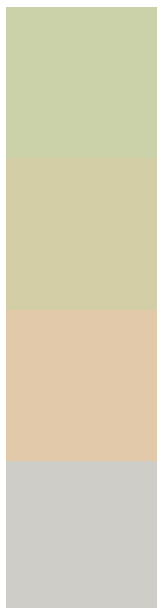
Dichromacy





Tritanopia
210, 202, 218

Trichromacy



Original Color

203, 209, 168

Protanomaly

212, 206, 167

Deuteranomaly

225, 201, 169

Tritanomaly

207, 205, 200

Monochromacy



Original Color

203, 209, 168

Achromatopsia

203, 203, 203

Achromatomaly

203, 205, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 209, 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, 209, 168)` looks like.

```
.text, #text, p{  
    color:rgb(203, 209, 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, 209, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 209, 168) }
```

Border

The CSS property to change the border of an element to RGB 203, 209, 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, 209, 168) }
```

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

```
.border{ border-color:rgb(203, 209, 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, 209, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 209, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 209, 168);  
box-shadow:4px 4px 4px 4px rgb(203, 209,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 203, 209, 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, 209, 168) }
```

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

```
.background{ background-color: rgb(203,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor