

Converting Colors

RGB(189, 200, 174)

Have a look what the booklet for
RGB(189, 200, 174) contains.

RGB(189, 200, 174)	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(189, 200, 174)

Conversions

Conversions Part 1

Format	Color
Hex	BDC8AE
RGB	189, 200, 174
RGB Percent	74%, 78%, 68%
CMY	0.2588, 0.2157, 0.3176
CMYK	0.05, 0.00, 0.13, 0.22
HSL	85°, 19%, 73%
HSV	85°, 13%, 78%
XYZ	49.2805, 55.1834, 48.0985
YIQ	193.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

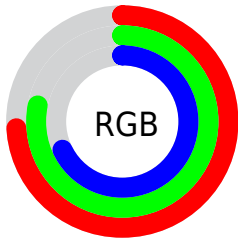
Format	Color
RYB	174, 200, 185
Decimal	12437678
CIELab	79.15, -8.43, 11.73
CIELCh	79, 14.445, 125.721
Yxy	55.1834, 0.3230, 0.3617
Android (android.graphics.Color)	4290627758 (0xFFBDC8AE)
YUV	193.7470, -9.7353, -4.1631
Hunter-Lab	74.2855, -11.5839, 13.6107

Details

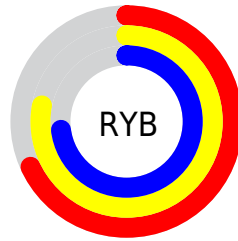
The RGB color **189, 200, 174** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **185, 174, 200**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **245, 255, 229**, and **136, 146, 122** is the 20% darker color. If you saturate the color by 10%, you get **181, 200, 154**, and if you desaturate by 10%, it is **197, 200, 194**.

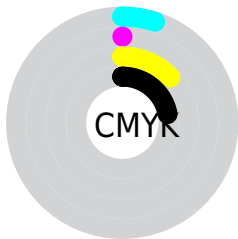
Distribution



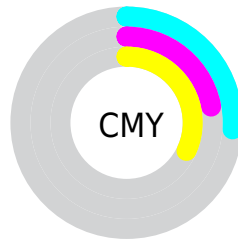
- Red (74%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 200, 174 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 189, 200, 174 by changing the saturation by 10% instead.


 189, 200, 174

255, 255, 255

 245, 255, 229

 189, 200, 174

 162, 173, 147

 136, 146, 122

 110, 120, 97

 86, 96, 73

 62, 72, 50

 40, 49, 29

 21, 28, 4

 0, 0, 0

 189, 200, 174

 189, 200, 174

■ 181, 200, 154

■ 197, 200, 194

■ 172, 200, 134

■ 206, 200, 214

■ 164, 200, 114

■ 214, 200, 234

■ 155, 200, 94

■ 223, 200, 254

■ 147, 200, 74

■ 231, 200, 255

■ 138, 200, 54

■ 240, 200, 255

■ 130, 200, 34

■ 248, 200, 255

■ 121, 200, 14

■ 255, 200, 255

■ 115, 200, 0

Harmonies

Analogous

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



204, 196, 169



189, 200, 174



174, 203, 185

Triad

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



189, 200, 174



170, 200, 220



224, 187, 194

Complementary

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



189, 200, 174



185, 174, 200

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.



216, 188, 207



189, 200, 174



185, 196, 222

Square

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



189, 200, 174



162, 203, 211



202, 192, 218



224, 188, 181

Rectangle

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



189, 200, 174



167, 204, 193



202, 192, 218



222, 187, 198

Sweetspot

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



189, 200, 174



251, 255, 245



200, 185, 174



125, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



189, 200, 174



238, 255, 214



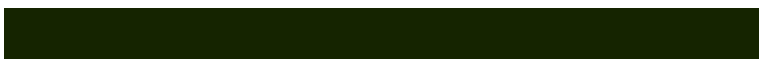
176, 200, 174



95, 99, 90



94, 163, 0



21, 36, 0

Inverse Universe

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



185, 174, 200



231, 214, 255



198, 174, 200



94, 90, 99



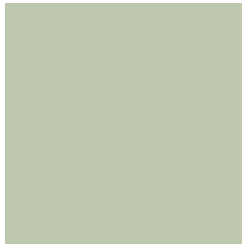
69, 0, 163



15, 0, 36

Previews

White Background



This preview shows how the RGB color 189, 200, 174 looks on a white background.

Color Contrast Check

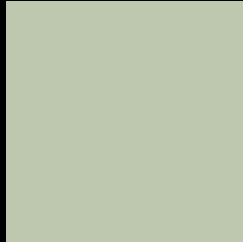
Large Text (above 18pt) WCAG AA × Fail

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 189, 200, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

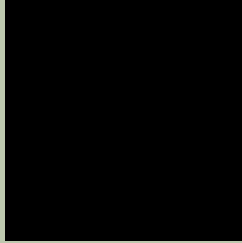
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

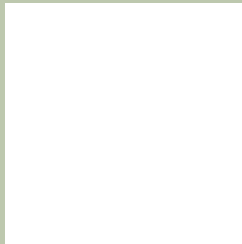
Any Text WCAG AAA ✓ Pass

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

RGB 189, 200, 174 Background



This preview shows how black text looks on a background with the RGB color 189, 200, 174.



This preview shows how white text looks on a background with the RGB color 189, 200, 174.

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](#).

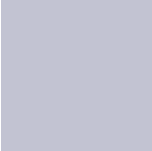
Dichromacy



Original Color
189, 200, 174

Protanopia
205, 195, 172

Deuteranopia
222, 189, 176



Tritanopia
194, 195, 210

Trichromacy



Original Color
189, 200, 174

Protanomaly
199, 197, 173

Deuteranomaly
210, 193, 175

Tritanomaly
192, 197, 197

Monochromacy



Original Color
189, 200, 174

Achromatopsia
194, 194, 194

Achromatomaly
192, 196, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 200, 174 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(189, 200, 174) looks like.

```
.text, #text, p{  
    color:rgb(189, 200, 174)  
}
```

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(189, 200, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 200, 174) }
```

Border

The CSS property to change the border of an element to RGB 189, 200, 174 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(189, 200, 174) }
```

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

```
.border{ border-color:rgb(189, 200, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 200, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 200, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 200, 174);  
box-shadow:4px 4px 4px 4px rgb(189, 200,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 189, 200, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 200, 174) }
```

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

```
.background{ background-color: rgb(189,  
200, 174) }
```

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