

Converting Colors

RGB(189, 208, 178)

Have a look what the booklet for
RGB(189, 208, 178) contains.

RGB(189, 208, 178)	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, 208, 178)

Conversions

Conversions Part 1

Format	Color
Hex	BDD0B2
RGB	189, 208, 178
RGB Percent	74%, 82%, 70%
CMY	0.2588, 0.1843, 0.3020
CMYK	0.09, 0.00, 0.14, 0.18
HSL	98°, 24%, 76%
HSV	98°, 14%, 82%
XYZ	51.5780, 59.1449, 50.8171
YIQ	198.8990, -1.6940, -13.3580

Conversions

Conversions Part 2

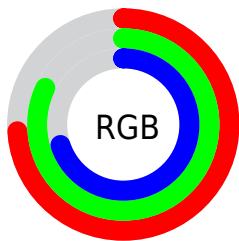
Format	Color
RYB	178, 208, 197
Decimal	12439730
CIELab	81.37, -11.87, 12.75
CIELCh	81, 17.419, 132.973
Yxy	59.1449, 0.3193, 0.3661
Android (android.graphics.Color)	4290629810 (0xFFBDD0B2)
YUV	198.8990, -10.3032, -8.6814
Hunter-Lab	76.9057, -14.8712, 14.6569

Details

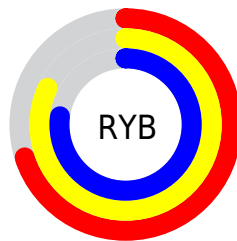
The RGB color **189, 208, 178** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **197, 178, 208**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **245, 255, 234**, and **136, 154, 125** is the 20% darker color. If you saturate the color by 10%, you get **176, 208, 157**, and if you desaturate by 10%, it is **202, 208, 199**.

Distribution



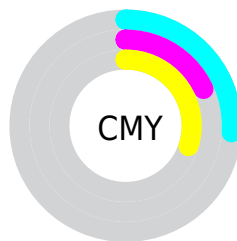
- Red (74%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 208, 178 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, 208, 178 by changing the saturation by 10% instead.


 189, 208, 178


255, 255, 255

 245, 255, 234

 189, 208, 178


 162, 180, 151

 136, 154, 125

 110, 128, 100

 86, 103, 76

 62, 79, 53

 40, 56, 32

 20, 34, 10

 0, 9, 0

 0, 0, 0

■ 189, 208, 178

■ 189, 208, 178

■ 176, 208, 157

■ 202, 208, 199

■ 163, 208, 136

■ 215, 208, 220

■ 149, 208, 116

■ 229, 208, 240

■ 136, 208, 95

■ 242, 208, 255

■ 123, 208, 74

■ 255, 208, 255

■ 110, 208, 53

■ 255, 208, 255

■ 97, 208, 32

■ 84, 208, 12

■ 76, 208, 0

Harmonies

Analogous

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



208, 203, 170



189, 208, 178



172, 211, 192

Triad

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



189, 208, 178



173, 206, 233



237, 191, 195

Complementary

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



189, 208, 178



197, 178, 208

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.



229, 192, 212



189, 208, 178



193, 201, 234

Square

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



189, 208, 178



161, 210, 224



214, 196, 226



234, 193, 181

Rectangle

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



189, 208, 178



164, 212, 203



214, 196, 226



235, 191, 201

Sweetspot

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



189, 208, 178



249, 255, 245



208, 197, 178



123, 128, 121



0, 0, 0



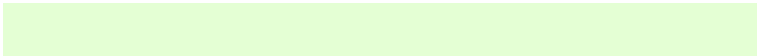
128, 128, 128

Same Dimension

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



189, 208, 178



228, 255, 212



178, 208, 181



98, 105, 94



62, 168, 0



15, 41, 0

Inverse Universe

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



197, 178, 208



239, 212, 255



208, 178, 204



101, 94, 105



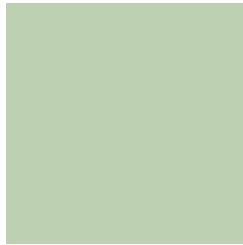
107, 0, 168



26, 0, 41

Previews

White Background



This preview shows how the RGB color 189, 208, 178 looks on a white background.

Color Contrast Check

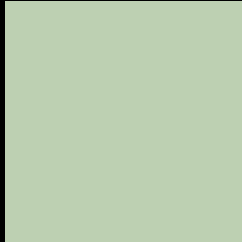
Large Text (above 18pt) WCAG AA × Fail

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, 208, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

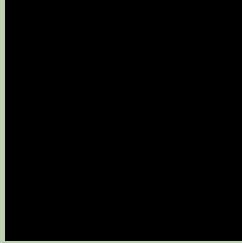
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

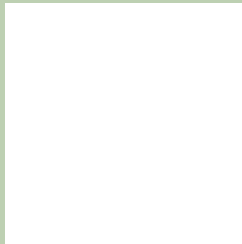
Any Text WCAG AAA ✓ Pass

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

RGB 189, 208, 178 Background



This preview shows how black text looks on a background with the RGB color 189, 208, 178.

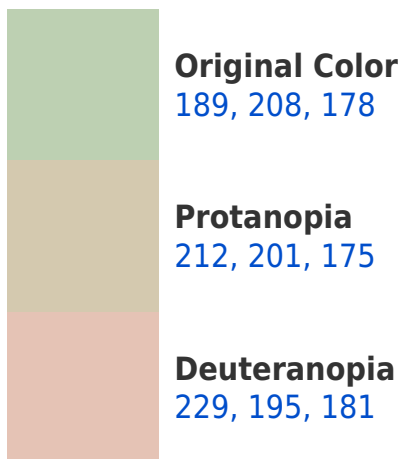


This preview shows how white text looks on a background with the RGB color 189, 208, 178.

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](#).

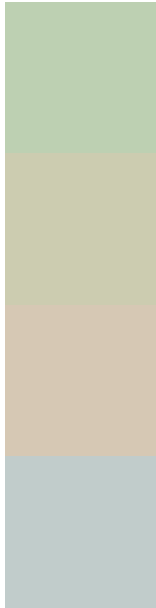
Dichromacy





Tritanopia
195, 202, 218

Trichromacy



Original Color
189, 208, 178

Protanomaly
204, 204, 176

Deuteranomaly
214, 200, 180

Tritanomaly
193, 204, 203

Monochromacy



Original Color
189, 208, 178

Achromatopsia
199, 199, 199

Achromatomaly
195, 202, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 208, 178 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, 208, 178)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 178)  
}
```

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, 208, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 178) }
```

Border

The CSS property to change the border of an element to RGB 189, 208, 178 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, 208, 178) }
```

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

```
.border{ border-color:rgb(189, 208, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 208, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 178);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 189, 208, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 178) }
```

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

```
.background{ background-color: rgb(189,  
208, 178) }
```

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