

Converting Colors

RGB(189, 219, 180)

Have a look what the booklet for
RGB(189, 219, 180) contains.

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Color

RGB(189, 219, 180)

Conversions

Conversions Part 1

Format	Color
Hex	BDDBB4
RGB	189, 219, 180
RGB Percent	74%, 86%, 71%
CMY	0.2588, 0.1412, 0.2941
CMYK	0.14, 0.00, 0.18, 0.14
HSL	106°, 35%, 78%
HSV	106°, 18%, 86%
XYZ	54.5560, 64.7771, 52.8078
YIQ	205.5840, -5.3610, -18.4890

Conversions

Conversions Part 2

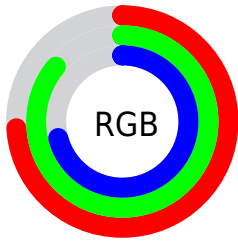
Format	Color
RYB	180, 219, 210
Decimal	12442548
CIELab	84.37, -17.09, 15.91
CIELCh	84, 23.353, 137.045
Yxy	64.7771, 0.3169, 0.3763
Android (android.graphics.Color)	4290632628 (0xFFBDDBB4)
YUV	205.5840, -12.6129, -14.5442
Hunter-Lab	80.4842, -19.8517, 17.4372

Details

The RGB color **189, 219, 180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **210, 180, 219**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **246, 255, 236**, and **135, 164, 127** is the 20% darker color. If you saturate the color by 10%, you get **172, 219, 158**, and if you desaturate by 10%, it is **206, 219, 202**.

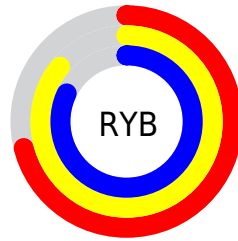
Distribution



Red (74%)

Green (86%)

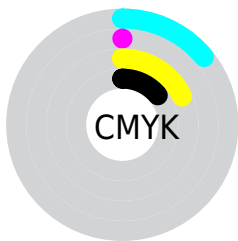
Blue (71%)



Red (71%)

Yellow (86%)

Blue (82%)

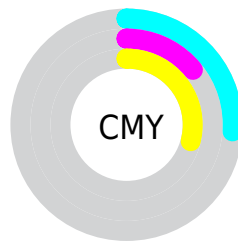


Cyan (14%)

Magenta (0%)

Yellow (18%)

Black (14%)



Cyan (26%)

Magenta (14%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 219, 180 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, 219, 180 by changing the saturation by 10% instead.

 189, 219, 180


255, 255, 255

 246, 255, 236


 189, 219, 180

 162, 191, 153

 135, 164, 127

 110, 138, 102

 85, 112, 78

 61, 88, 55

 39, 64, 33

 17, 42, 12

 0, 23, 0

 0, 0, 0

 189, 219, 180

 189, 219, 180

 172, 219, 158

 206, 219, 202

 155, 219, 136


 223, 219, 224

 138, 219, 114

 240, 219, 246

 122, 219, 92


 255, 219, 255

 105, 219, 71

 88, 219, 49

 71, 219, 27

 54, 219, 5

 51, 219, 0

Harmonies

Analogous

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



214, 213, 168



189, 219, 180



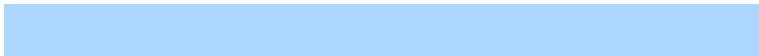
166, 223, 200

Triad

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



189, 219, 180



173, 215, 253



255, 195, 199

Complementary

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



189, 219, 180



210, 180, 219

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.



249, 196, 221



189, 219, 180



202, 208, 252

Square

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



189, 219, 180



153, 221, 242



230, 201, 241



252, 199, 179

Rectangle

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



189, 219, 180



155, 223, 215



230, 201, 241



255, 195, 206

Sweetspot

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



189, 219, 180



245, 255, 242



219, 210, 180



122, 128, 120



0, 0, 0



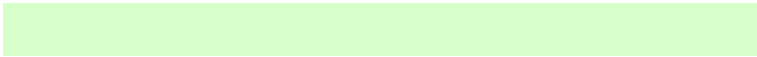
128, 128, 128

Same Dimension

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



189, 219, 180



214, 255, 201



180, 219, 190



101, 110, 99



40, 173, 0



11, 46, 0

Inverse Universe

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



210, 180, 219



243, 201, 255



219, 180, 209



107, 99, 110



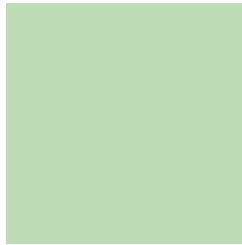
133, 0, 173



35, 0, 46

Previews

White Background



This preview shows how the RGB color 189, 219, 180 looks on a white background.

Color Contrast Check

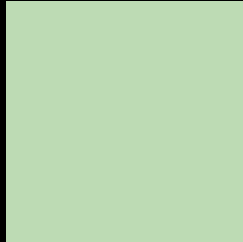
Large Text (above 18pt) WCAG AA × Fail

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, 219, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

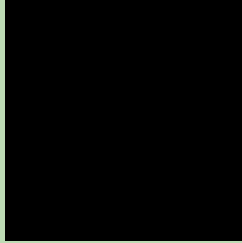
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

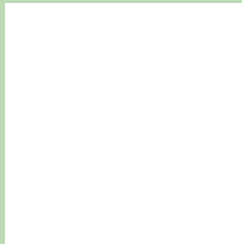
Any Text WCAG AAA ✓ Pass

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

RGB 189, 219, 180 Background



This preview shows how black text looks on a background with the RGB color 189, 219, 180.

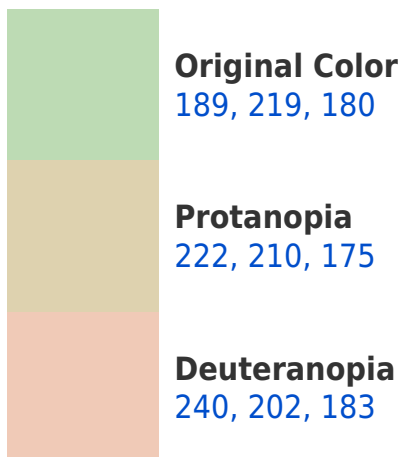


This preview shows how white text looks on a background with the RGB color 189, 219, 180.

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](#).

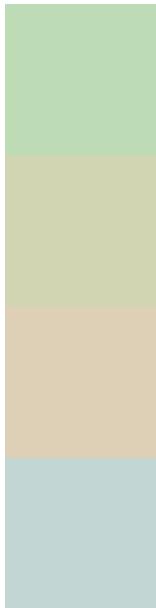
Dichromacy





Tritanopia
197, 212, 229

Trichromacy



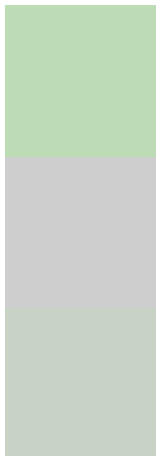
Original Color
189, 219, 180

Protanomaly
210, 213, 177

Deuteranomaly
221, 208, 182

Tritanomaly
194, 215, 211

Monochromacy



Original Color
189, 219, 180

Achromatopsia
206, 206, 206

Achromatomaly
200, 211, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 219, 180 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, 219, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 180)  
}
```

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, 219, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 180) }
```

Border

The CSS property to change the border of an element to RGB 189, 219, 180 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, 219, 180) }
```

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

```
.border{ border-color:rgb(189, 219, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 189, 219, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 180) }
```

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

```
.background{ background-color: rgb(189,  
219, 180) }
```

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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