

Converting Colors

RGB(189, 220, 181)

Have a look what the booklet for
RGB(189, 220, 181) contains.

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Color

RGB(189, 220, 181)

Conversions

Conversions Part 1

Format	Color
Hex	BDDCB5
RGB	189, 220, 181
RGB Percent	74%, 86%, 71%
CMY	0.2588, 0.1373, 0.2902
CMYK	0.14, 0.00, 0.18, 0.14
HSL	108°, 36%, 79%
HSV	108°, 18%, 86%
XYZ	54.9200, 65.3414, 53.4336
YIQ	206.2850, -5.9570, -18.7010

Conversions

Conversions Part 2

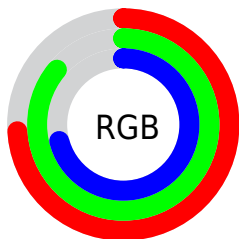
Format	Color
RYB	181, 220, 212
Decimal	12442805
CIELab	84.66, -17.42, 15.80
CIELCh	85, 23.517, 137.803
Yxy	65.3414, 0.3162, 0.3762
Android (android.graphics.Color)	4290632885 (0xFFBDDCB5)
YUV	206.2850, -12.4655, -15.1589
Hunter-Lab	80.8340, -20.1838, 17.3914

Details

The RGB color **189, 220, 181** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **212, 181, 220**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **246, 255, 237**, and **135, 165, 128** is the 20% darker color. If you saturate the color by 10%, you get **172, 220, 159**, and if you desaturate by 10%, it is **206, 220, 203**.

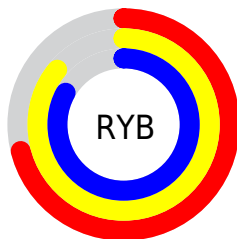
Distribution



Red (74%)

Green (86%)

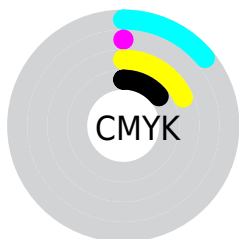
Blue (71%)



Red (71%)

Yellow (86%)

Blue (83%)

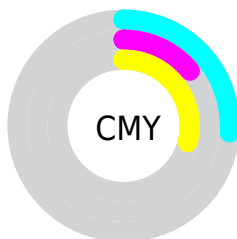


Cyan (14%)

Magenta (0%)

Yellow (18%)

Black (14%)



Cyan (26%)

Magenta (14%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 220, 181 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, 220, 181 by changing the saturation by 10% instead.

 189, 220, 181


255, 255, 255


 246, 255, 237


 189, 220, 181

 162, 192, 154

 135, 165, 128

 110, 139, 103

 85, 113, 79

 61, 88, 56

 38, 65, 34

 17, 43, 13

 0, 24, 0

 0, 0, 0

 189, 220, 181

 189, 220, 181

 172, 220, 159

 206, 220, 203

 154, 220, 137


 224, 220, 225

 137, 220, 115

 241, 220, 247

 119, 220, 93


 255, 220, 255

 102, 220, 71

 84, 220, 49

 67, 220, 27

 49, 220, 5

 45, 220, 0

Harmonies

Analogous

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



214, 214, 169



189, 220, 181



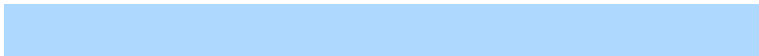
166, 224, 201

Triad

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



189, 220, 181



174, 216, 254



255, 196, 199

Complementary

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



189, 220, 181



212, 181, 220

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.



250, 197, 221



189, 220, 181



203, 209, 253

Square

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



189, 220, 181



154, 221, 243



231, 201, 241



252, 200, 179

Rectangle

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



189, 220, 181



155, 224, 217



231, 201, 241



255, 196, 206

Sweetspot

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



189, 220, 181



245, 255, 242



220, 212, 181



121, 128, 120



0, 0, 0



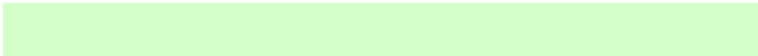
128, 128, 128

Same Dimension

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



189, 220, 181



212, 255, 201



181, 220, 192



101, 110, 99



36, 173, 0



9, 46, 0

Inverse Universe

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



212, 181, 220



244, 201, 255



220, 181, 209



107, 99, 110



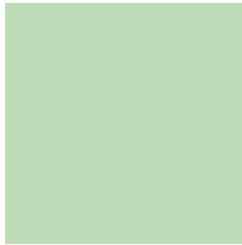
138, 0, 173



36, 0, 46

Previews

White Background



This preview shows how the RGB color 189, 220, 181 looks on a white background.

Color Contrast Check

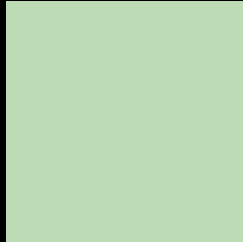
Large Text (above 18pt) WCAG AA × Fail

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, 220, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

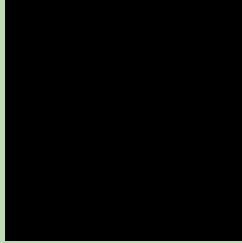
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

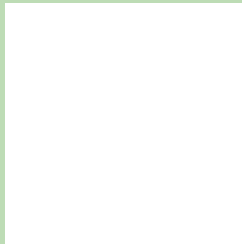
Any Text WCAG AAA ✓ Pass

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

RGB 189, 220, 181 Background



This preview shows how black text looks on a background with the RGB color 189, 220, 181.

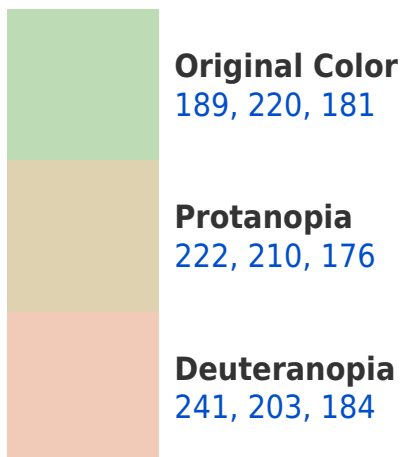


This preview shows how white text looks on a background with the RGB color 189, 220, 181.

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](#).

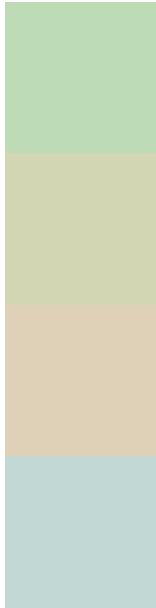
Dichromacy





Tritanopia
197, 213, 230

Trichromacy



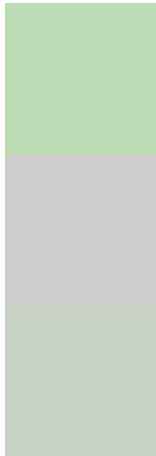
Original Color
189, 220, 181

Protanomaly
210, 214, 178

Deuteranomaly
222, 209, 183

Tritanomaly
194, 216, 212

Monochromacy



Original Color
189, 220, 181

Achromatopsia
206, 206, 206

Achromatomaly
200, 211, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 220, 181 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, 220, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 220, 181)  
}
```

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, 220, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 220, 181) }
```

Border

The CSS property to change the border of an element to RGB 189, 220, 181 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, 220, 181) }
```

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

```
.border{ border-color:rgb(189, 220, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 220, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 220, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 220, 181); box-shadow:4px 4px 4px 4px rgb(189, 220, 181) }
```

Background

The CSS property to change the background color of an element to RGB 189, 220, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 220, 181) }
```

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

```
.background{ background-color: rgb(189,  
220, 181) }
```

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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