

Converting Colors

RGB(181, 208, 175)

Have a look what the booklet for
RGB(181, 208, 175) contains.

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Color

RGB(181, 208, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B5D0AF
RGB	181, 208, 175
RGB Percent	71%, 82%, 69%
CMY	0.2902, 0.1843, 0.3137
CMYK	0.13, 0.00, 0.16, 0.18
HSL	109°, 26%, 75%
HSV	109°, 16%, 82%
XYZ	49.3498, 58.0307, 49.1575
YIQ	196.1650, -5.4990, -15.9870

Conversions

Conversions Part 2

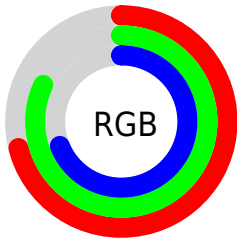
Format	Color
RYB	175, 208, 202
Decimal	11915439
CIELab	80.76, -15.18, 13.39
CIELCh	81, 20.244, 138.583
Yxy	58.0307, 0.3153, 0.3707
Android (android.graphics.Color)	4290105519 (0xFFB5D0AF)
YUV	196.1650, -10.4343, -13.2997
Hunter-Lab	76.1779, -17.6748, 15.0647

Details

The RGB color **181, 208, 175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **202, 175, 208**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **237, 255, 231**, and **128, 154, 122** is the 20% darker color. If you saturate the color by 10%, you get **164, 208, 154**, and if you desaturate by 10%, it is **198, 208, 196**.

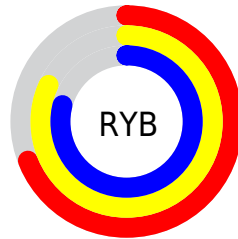
Distribution



Red (71%)

Green (82%)

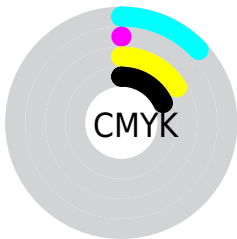
Blue (69%)



Red (69%)

Yellow (82%)

Blue (79%)

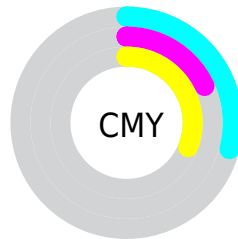


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (18%)



Cyan (29%)


Magenta (18%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 208, 175 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 181, 208, 175 by changing the saturation by 10% instead.

 181, 208, 175


255, 255, 255

 237, 255, 231


 181, 208, 175

 154, 180, 148

 128, 154, 122

 103, 128, 98

 78, 102, 74

 55, 78, 51

 33, 55, 30

 13, 34, 6

 0, 5, 0

 0, 0, 0

 181, 208, 175

 181, 208, 175

 164, 208, 154


 198, 208, 196

 147, 208, 133

 215, 208, 217

 130, 208, 113

 232, 208, 237

 113, 208, 92


 249, 208, 255

 96, 208, 71

 255, 208, 255

 79, 208, 50

 62, 208, 29

 45, 208, 9

 38, 208, 0

Harmonies

Analogous

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



203, 203, 165



181, 208, 175



162, 211, 192

Triad

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



181, 208, 175



170, 204, 237



240, 188, 189

Complementary

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



181, 208, 175



202, 175, 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.



234, 188, 208



181, 208, 175



195, 198, 236

Square

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



181, 208, 175



153, 209, 228



218, 192, 226



236, 191, 173

Rectangle

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



181, 208, 175



153, 212, 205



218, 192, 226



239, 187, 196

Sweetspot

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



181, 208, 175



245, 255, 242



208, 202, 175



121, 128, 120



0, 0, 0



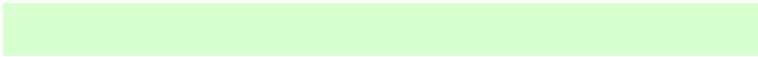
128, 128, 128

Same Dimension

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



181, 208, 175



215, 255, 207



175, 208, 185



96, 105, 94



31, 168, 0



7, 41, 0

Inverse Universe

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



202, 175, 208



246, 207, 255



208, 175, 198



103, 94, 105



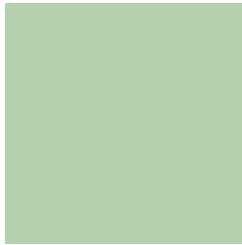
138, 0, 168



33, 0, 41

Previews

White Background



This preview shows how the RGB color 181, 208, 175 looks on a white background.

Color Contrast Check

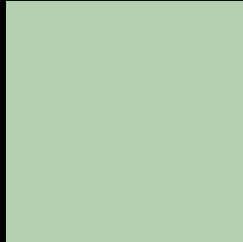
Large Text (above 18pt) WCAG AA × Fail

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 181, 208, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

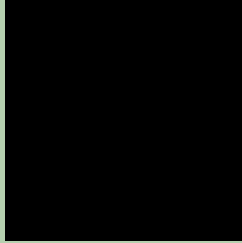
Any Text WCAG AA ✓ Pass

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 181, 208, 175 Background



This preview shows how black text looks on a background with the RGB color 181, 208, 175.

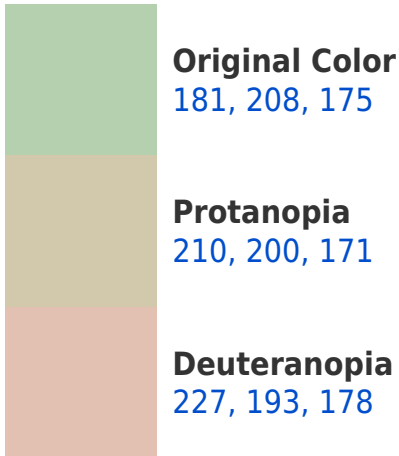


This preview shows how white text looks on a background with the RGB color 181, 208, 175.

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](#).

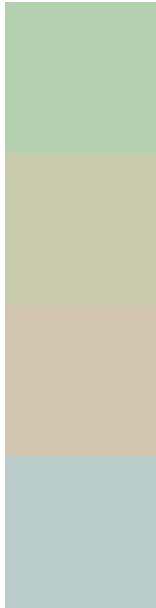
Dichromacy





Tritanopia
188, 202, 218

Trichromacy



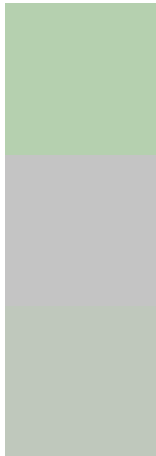
Original Color
181, 208, 175

Protanomaly
199, 203, 172

Deuteranomaly
210, 198, 177

Tritanomaly
185, 204, 202

Monochromacy



Original Color
181, 208, 175

Achromatopsia
196, 196, 196

Achromatomaly
191, 200, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 208, 175 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(181, 208, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 175)  
}
```

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(181, 208, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 175) }
```

Border

The CSS property to change the border of an element to RGB 181, 208, 175 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(181, 208, 175) }
```

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

```
.border{ border-color:rgb(181, 208, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 208, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 208, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 208, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 208,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 181, 208, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 208, 175) }
```

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

```
.background{ background-color: rgb(181,  
208, 175) }
```

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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