

Converting Colors

RGB(196, 205, 180)

Have a look what the booklet for
RGB(196, 205, 180) contains.

RGB(196, 205, 180)	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(196, 205, 180)

Conversions

Conversions Part 1

Format	Color
Hex	C4CDB4
RGB	196, 205, 180
RGB Percent	77%, 80%, 71%
CMY	0.2314, 0.1961, 0.2941
CMYK	0.04, 0.00, 0.12, 0.20
HSL	82°, 20%, 75%
HSV	82°, 12%, 80%
XYZ	52.8345, 58.6937, 51.7244
YIQ	199.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

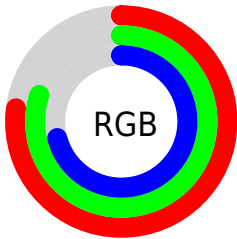
Format	Color
RYB	180, 205, 189
Decimal	12897716
CIELab	81.12, -7.52, 11.40
CIELCh	81, 13.656, 123.408
Yxy	58.6937, 0.3236, 0.3595
Android (android.graphics.Color)	4291087796 (0xFFC4CDB4)
YUV	199.4590, -9.5933, -3.0335
Hunter-Lab	76.6118, -10.9701, 13.5987

Details

The RGB color **196, 205, 180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 180, 205**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **253, 255, 236**, and **142, 151, 127** is the 20% darker color. If you saturate the color by 10%, you get **189, 205, 160**, and if you desaturate by 10%, it is **203, 205, 201**.

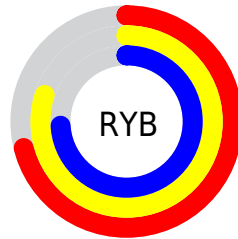
Distribution



Red (77%)

Green (80%)

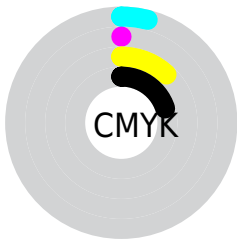
Blue (71%)



Red (71%)

Yellow (80%)

Blue (74%)

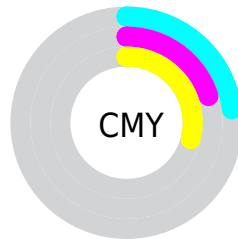


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (20%)



Cyan (23%)

Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 205, 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 196, 205, 180 by changing the saturation by 10% instead.

 196, 205, 180

255, 255, 255

 253, 255, 236


 196, 205, 180


 169, 178, 153

 142, 151, 127

 117, 125, 102

 92, 100, 78

 68, 76, 55

 46, 53, 34

 25, 32, 12

 0, 8, 0

 0, 0, 0

 196, 205, 180

 196, 205, 180

 189, 205, 160


 203, 205, 201

 181, 205, 139

 211, 205, 221

 174, 205, 119


 218, 205, 242

 166, 205, 98


 226, 205, 255

 159, 205, 78

 233, 205, 255

 152, 205, 57

 240, 205, 255

 144, 205, 37

 248, 205, 255

 137, 205, 16

 255, 205, 255

 131, 205, 0

Harmonies

Analogous

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



211, 201, 176



196, 205, 180



182, 208, 190

Triad

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



196, 205, 180



176, 206, 224



228, 193, 200

Complementary

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



196, 205, 180



189, 180, 205

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.



220, 194, 213



196, 205, 180



190, 202, 227

Square

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



196, 205, 180



169, 208, 215



206, 198, 223



229, 194, 188

Rectangle

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



196, 205, 180



174, 209, 198



206, 198, 223



226, 193, 205

Sweetspot

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



196, 205, 180



251, 255, 245



205, 189, 180



125, 128, 121



0, 0, 0



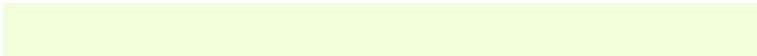
128, 128, 128

Same Dimension

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



196, 205, 180



241, 255, 217



184, 205, 180



98, 102, 92



106, 166, 0



24, 38, 0

Inverse Universe

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



189, 180, 205



231, 217, 255



201, 180, 205



95, 92, 102



60, 0, 166



14, 0, 38

Previews

White Background



This preview shows how the RGB color 196, 205, 180 looks on a white background.

Color Contrast Check

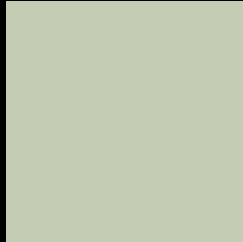
Large Text (above 18pt) WCAG AA × Fail

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 196, 205, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

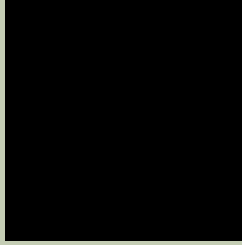
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

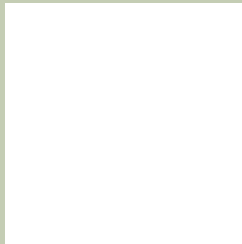
Any Text WCAG AAA ✓ Pass

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

RGB 196, 205, 180 Background



This preview shows how black text looks on a background with the RGB color 196, 205, 180.



This preview shows how white text looks on a background with the RGB color 196, 205, 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



Original Color
196, 205, 180

Protanopia
210, 201, 178

Deuteranopia
228, 194, 182



Tritanopia
201, 200, 216

Trichromacy



Original Color

196, 205, 180

Protanomaly

205, 202, 179

Deuteranomaly

216, 198, 181

Tritanomaly

199, 202, 203

Monochromacy



Original Color

196, 205, 180

Achromatopsia

199, 199, 199

Achromatomaly

198, 201, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 205, 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(196, 205, 180)` looks like.

```
.text, #text, p{  
    color:rgb(196, 205, 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(196, 205, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 205, 180) }
```

Border

The CSS property to change the border of an element to RGB 196, 205, 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(196, 205, 180) }
```

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

```
.border{ border-color:rgb(196, 205, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 205, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 205, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 205, 180);  
box-shadow:4px 4px 4px 4px rgb(196, 205,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 196, 205, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 205, 180) }
```

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

```
.background{ background-color: rgb(196,  
205, 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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