

Converting Colors

RGB(193, 205, 176)

Have a look what the booklet for
RGB(193, 205, 176) contains.

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Color

RGB(193, 205, 176)

Conversions

Conversions Part 1

Format	Color
Hex	C1CDB0
RGB	193, 205, 176
RGB Percent	76%, 80%, 69%
CMY	0.2431, 0.1961, 0.3098
CMYK	0.06, 0.00, 0.14, 0.20
HSL	85°, 22%, 75%
HSV	85°, 14%, 80%
XYZ	51.6601, 58.1347, 49.5726
YIQ	198.1060, 2.1570, -11.5630

Conversions

Conversions Part 2

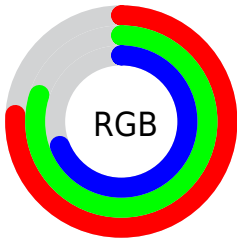
Format	Color
RYB	176, 205, 188
Decimal	12701104
CIELab	80.81, -9.25, 13.06
CIELCh	81, 16.007, 125.320
Yxy	58.1347, 0.3242, 0.3648
Android (android.graphics.Color)	4290891184 (0xFFC1CDB0)
YUV	198.1060, -10.8983, -4.4780
Hunter-Lab	76.2461, -12.4890, 14.8239

Details

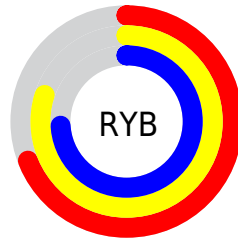
The RGB color **193, 205, 176** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **188, 176, 205**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **250, 255, 232**, and **139, 151, 123** is the 20% darker color. If you saturate the color by 10%, you get **185, 205, 156**, and if you desaturate by 10%, it is **201, 205, 197**.

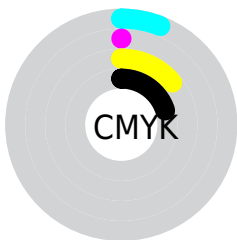
Distribution



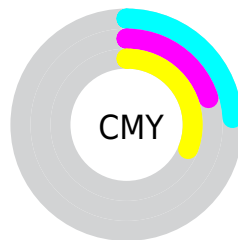
- Red (76%)
- Green (80%)
- Blue (69%)



- Red (69%)
- Yellow (80%)
- Blue (74%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 205, 176 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 193, 205, 176 by changing the saturation by 10% instead.

 193, 205, 176


255, 255, 255

 250, 255, 232

 193, 205, 176

 166, 178, 149

 139, 151, 123

 114, 125, 99

 89, 100, 75

 66, 76, 52

 43, 53, 30

 23, 32, 7

 0, 6, 0

 0, 0, 0

 193, 205, 176

 193, 205, 176

 185, 205, 156

 201, 205, 197

 176, 205, 135


 210, 205, 217

 168, 205, 115


 218, 205, 238

 159, 205, 94

 227, 205, 255

 151, 205, 73


 235, 205, 255

 142, 205, 53

 244, 205, 255

 134, 205, 32

 252, 205, 255

 125, 205, 12

 255, 205, 255

 120, 205, 0

Harmonies

Analogous

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



210, 200, 171



193, 205, 176



177, 208, 188

Triad

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



193, 205, 176



171, 206, 227



231, 190, 198

Complementary

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



193, 205, 176



188, 176, 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.



223, 192, 213



193, 205, 176



188, 201, 230

Square

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



193, 205, 176



162, 209, 217



207, 196, 225



232, 192, 184

Rectangle

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



193, 205, 176



168, 209, 198



207, 196, 225



229, 191, 204

Sweetspot

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



193, 205, 176



251, 255, 245



205, 188, 176



125, 128, 121



0, 0, 0



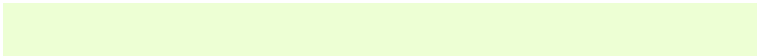
128, 128, 128

Same Dimension

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



193, 205, 176



237, 255, 212



179, 205, 176



98, 102, 92



97, 166, 0



22, 38, 0

Inverse Universe

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



188, 176, 205



230, 212, 255



202, 176, 205



96, 92, 102



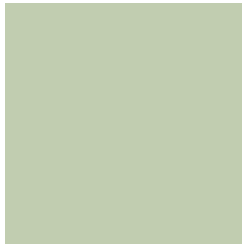
69, 0, 166



16, 0, 38

Previews

White Background



This preview shows how the RGB color 193, 205, 176 looks on a white background.

Color Contrast Check

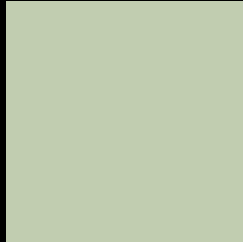
Large Text (above 18pt) WCAG AA × Fail

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 193, 205, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

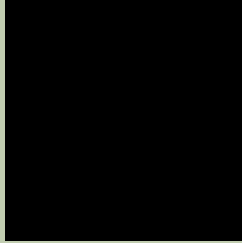
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

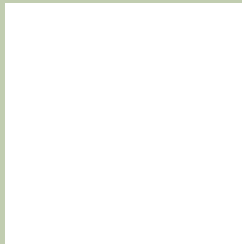
Any Text WCAG AAA ✓ Pass

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

RGB 193, 205, 176 Background



This preview shows how black text looks on a background with the RGB color 193, 205, 176.



This preview shows how white text looks on a background with the RGB color 193, 205, 176.

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](#).

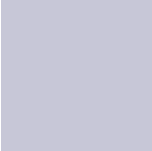
Dichromacy



Original Color
193, 205, 176

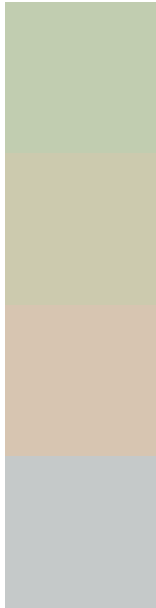
Protanopia
210, 200, 173

Deuteranopia
228, 193, 178



Tritanopia
199, 199, 215

Trichromacy



Original Color
193, 205, 176

Protanomaly
204, 202, 174

Deuteranomaly
215, 197, 177

Tritanomaly
197, 201, 201

Monochromacy



Original Color
193, 205, 176

Achromatopsia
198, 198, 198

Achromatomaly
196, 201, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 205, 176 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(193, 205, 176)` looks like.

```
.text, #text, p{  
    color:rgb(193, 205, 176)  
}
```

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(193, 205, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 205, 176) }
```

Border

The CSS property to change the border of an element to RGB 193, 205, 176 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(193, 205, 176) }
```

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

```
.border{ border-color:rgb(193, 205, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 205, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 205, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 205, 176);  
box-shadow:4px 4px 4px 4px rgb(193, 205,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 193, 205, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 205, 176) }
```

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

```
.background{ background-color: rgb(193,  
205, 176) }
```

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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