

Converting Colors

RGB(198, 211, 196)

Have a look what the booklet for
RGB(198, 211, 196) contains.

RGB(198, 211, 196)	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(198, 211, 196)

Conversions

Conversions Part 1

Format	Color
Hex	C6D3C4
RGB	198, 211, 196
RGB Percent	78%, 83%, 77%
CMY	0.2235, 0.1725, 0.2314
CMYK	0.06, 0.00, 0.07, 0.17
HSL	112°, 15%, 80%
HSV	112°, 7%, 83%
XYZ	56.5468, 62.5798, 61.3233
YIQ	205.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

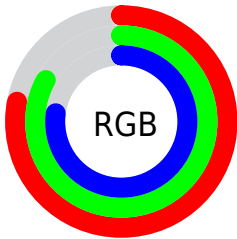
Format	Color
RYB	196, 211, 209
Decimal	13030340
CIELab	83.22, -7.15, 5.91
CIElCh	83, 9.273, 140.445
Yxy	62.5798, 0.3134, 0.3468
Android (android.graphics.Color)	4291220420 (0xFFC6D3C4)
YUV	205.4030, -4.6357, -6.4924
Hunter-Lab	79.1074, -10.8444, 9.4141

Details

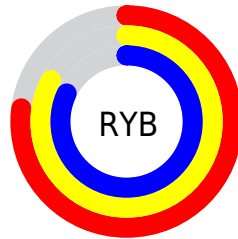
The RGB color **198, 211, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 196, 211**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 253**, and **144, 157, 142** is the 20% darker color. If you saturate the color by 10%, you get **180, 211, 175**, and if you desaturate by 10%, it is **216, 211, 217**.

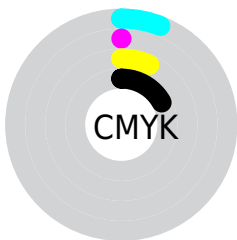
Distribution



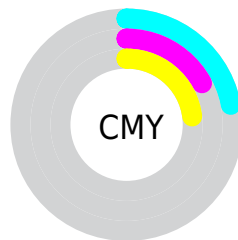
- Red (78%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 211, 196 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 198, 211, 196 by changing the saturation by 10% instead.

■ 198, 211, 196

255, 255, 255

255, 255, 253

■ 198, 211, 196

■ 171, 183, 169

■ 144, 157, 142

■ 119, 130, 117

■ 94, 105, 92

■ 70, 81, 69

■ 48, 58, 46

■ 27, 37, 26

■ 0, 16, 0


■ 0, 0, 0

 198, 211, 196

 198, 211, 196

 180, 211, 175

 216, 211, 217

 161, 211, 154

 235, 211, 238

 143, 211, 133

 253, 211, 255

 125, 211, 112


 255, 211, 255

 107, 211, 91

 88, 211, 69

 70, 211, 48

 52, 211, 27

 33, 211, 6

Harmonies

Analogous

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



208, 209, 191



198, 211, 196



190, 212, 204

Triad

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



198, 211, 196



195, 209, 224



227, 202, 202

Complementary

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



198, 211, 196



209, 196, 211

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.



224, 202, 210



198, 211, 196



206, 206, 224

Square

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



198, 211, 196



188, 211, 220



216, 203, 218



224, 203, 194

Rectangle

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



198, 211, 196



187, 213, 210



216, 203, 218



226, 202, 204

Sweetspot

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



198, 211, 196



251, 255, 250



211, 209, 196



125, 128, 125



0, 0, 0



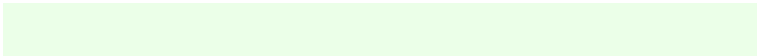
128, 128, 128

Same Dimension

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



198, 211, 196



235, 255, 232



196, 211, 202



95, 105, 94



22, 168, 0



5, 41, 0

Inverse Universe

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



209, 196, 211



252, 232, 255



211, 196, 205



103, 94, 105



146, 0, 168



35, 0, 41

Previews

White Background



This preview shows how the RGB color 198, 211, 196 looks on a white background.

Color Contrast Check

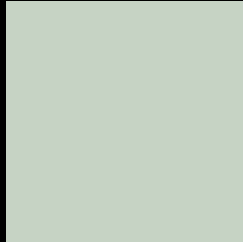
Large Text (above 18pt) WCAG AA × Fail

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 198, 211, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

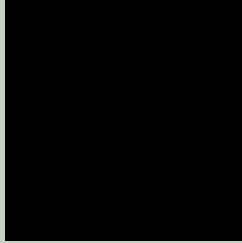
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

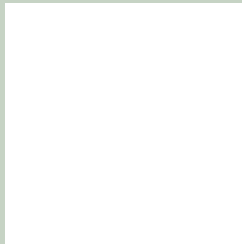
Any Text WCAG AAA ✓ Pass

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

RGB 198, 211, 196 Background



This preview shows how black text looks on a background with the RGB color 198, 211, 196.



This preview shows how white text looks on a background with the RGB color 198, 211, 196.

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](#).

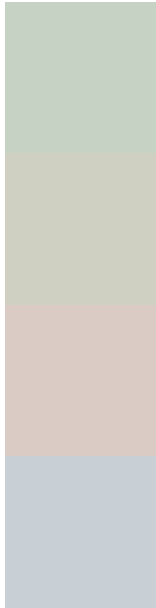
Dichromacy





Tritanopia
202, 207, 223

Trichromacy



Original Color

198, 211, 196

Protanomaly

208, 208, 194

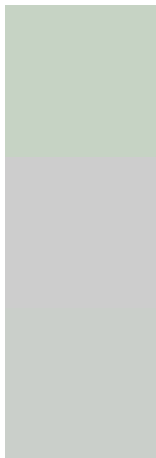
Deuteranomaly

218, 204, 197

Tritanomaly

201, 208, 213

Monochromacy



Original Color

198, 211, 196

Achromatopsia

205, 205, 205

Achromatomaly

202, 207, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 211, 196 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(198, 211, 196)` looks like.

```
.text, #text, p{  
    color:rgb(198, 211, 196)  
}
```

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(198, 211, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 211, 196) }
```

Border

The CSS property to change the border of an element to RGB 198, 211, 196 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(198, 211, 196) }
```

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

```
.border{ border-color:rgb(198, 211, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 211, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 211, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 211, 196);  
box-shadow:4px 4px 4px 4px rgb(198, 211,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 198, 211, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 211, 196) }
```

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

```
.background{ background-color: rgb(198,  
211, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor