

Converting Colors

RGB(204, 221, 194)

Have a look what the booklet for
RGB(204, 221, 194) contains.

RGB(204, 221, 194)	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(204, 221, 194)

Conversions

Conversions Part 1

Format	Color
Hex	CCDDC2
RGB	204, 221, 194
RGB Percent	80%, 87%, 76%
CMY	0.2000, 0.1333, 0.2392
CMYK	0.08, 0.00, 0.12, 0.13
HSL	98°, 28%, 81%
HSV	98°, 12%, 87%
XYZ	60.4959, 68.4453, 61.0617
YIQ	212.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

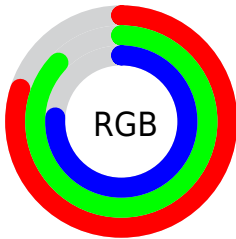
Format	Color
RYB	194, 221, 211
Decimal	13426114
CIELab	86.23, -10.54, 11.33
CIELCh	86, 15.475, 132.952
Yxy	68.4453, 0.3184, 0.3602
Android (android.graphics.Color)	4291616194 (0xFFCCDDC2)
YUV	212.8390, -9.2876, -7.7518
Hunter-Lab	82.7317, -14.2559, 14.1520

Details

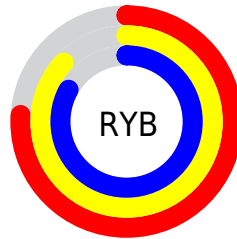
The RGB color **204, 221, 194** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **211, 194, 221**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 251**, and **150, 166, 140** is the 20% darker color. If you saturate the color by 10%, you get **190, 221, 172**, and if you desaturate by 10%, it is **218, 221, 216**.

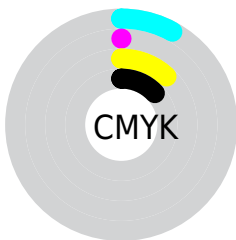
Distribution



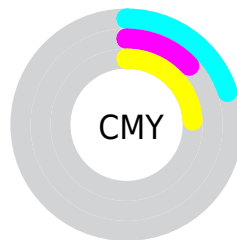
- Red (80%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 221, 194 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 204, 221, 194 by changing the saturation by 10% instead.


 204, 221, 194

255, 255, 255

 255, 255, 251

 204, 221, 194

 177, 193, 167


 150, 166, 140

 124, 140, 115

 99, 114, 90

 75, 90, 67

 52, 66, 45

 30, 44, 24

 8, 24, 0

 0, 0, 0

 204, 221, 194

 204, 221, 194

 190, 221, 172

 218, 221, 216

 176, 221, 150

 232, 221, 238


 162, 221, 128

 246, 221, 255

 148, 221, 106

 255, 221, 255

 134, 221, 84

 121, 221, 61

 107, 221, 39

 93, 221, 17

 82, 221, 0

Harmonies

Analogous

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



221, 217, 187



204, 221, 194



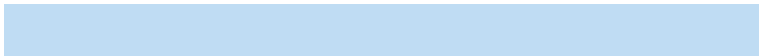
189, 224, 207

Triad

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



204, 221, 194



191, 220, 243



247, 206, 210

Complementary

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



204, 221, 194



211, 194, 221

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.



240, 207, 225



204, 221, 194



208, 215, 244

Square

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



204, 221, 194



180, 223, 235



226, 210, 237



245, 208, 196

Rectangle

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



204, 221, 194



182, 224, 217



226, 210, 237



246, 206, 215

Sweetspot

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



204, 221, 194



249, 255, 245



221, 211, 194



123, 128, 121



0, 0, 0



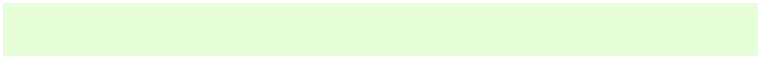
128, 128, 128

Same Dimension

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



204, 221, 194



231, 255, 217



194, 221, 197



103, 110, 99



64, 173, 0



17, 46, 0

Inverse Universe

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



211, 194, 221



241, 217, 255



221, 194, 218



106, 99, 110



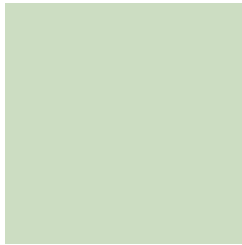
109, 0, 173



29, 0, 46

Previews

White Background



This preview shows how the RGB color 204, 221, 194 looks on a white background.

Color Contrast Check

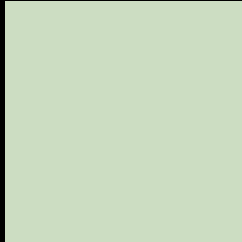
Large Text (above 18pt) WCAG AA × Fail

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 204, 221, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

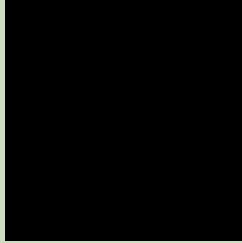
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

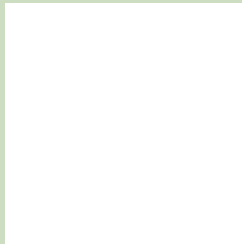
Any Text WCAG AAA ✓ Pass

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

RGB 204, 221, 194 Background



This preview shows how black text looks on a background with the RGB color 204, 221, 194.

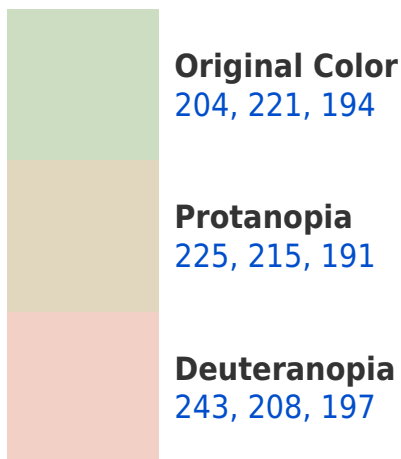


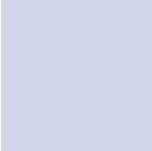
This preview shows how white text looks on a background with the RGB color 204, 221, 194.

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
210, 215, 233

Trichromacy



Original Color

204, 221, 194

Protanomaly

217, 217, 192

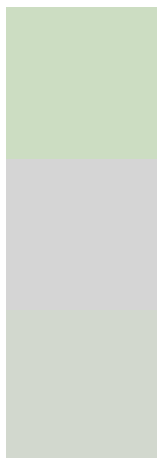
Deuteranomaly

229, 213, 196

Tritanomaly

208, 217, 219

Monochromacy



Original Color

204, 221, 194

Achromatopsia

213, 213, 213

Achromatomaly

210, 216, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 221, 194 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(204, 221, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 221, 194)  
}
```

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(204, 221, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 221, 194) }
```

Border

The CSS property to change the border of an element to RGB 204, 221, 194 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(204, 221, 194) }
```

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

```
.border{ border-color:rgb(204, 221, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 221, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 221, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 221, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 221,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 204, 221, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 221, 194) }
```

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

```
.background{ background-color: rgb(204,  
221, 194) }
```

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