

Converting Colors

RGB(210, 221, 196)

Have a look what the booklet for
RGB(210, 221, 196) contains.

RGB(210, 221, 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(210, 221, 196)

Conversions

Conversions Part 1

Format	Color
Hex	D2DDC4
RGB	210, 221, 196
RGB Percent	82%, 87%, 77%
CMY	0.1765, 0.1333, 0.2314
CMYK	0.05, 0.00, 0.11, 0.13
HSL	86°, 27%, 82%
HSV	86°, 11%, 87%
XYZ	62.3986, 69.4001, 62.3313
YIQ	214.8610, 1.4690, -10.1070

Conversions

Conversions Part 2

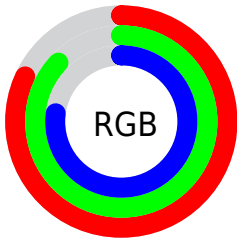
Format	Color
RYB	196, 221, 207
Decimal	13819332
CIELab	86.70, -8.12, 11.01
CIELCh	87, 13.678, 126.421
Yxy	69.4001, 0.3214, 0.3575
Android (android.graphics.Color)	4292009412 (0xFFD2DDC4)
YUV	214.8610, -9.2985, -4.2631
Hunter-Lab	83.3067, -12.0862, 13.9530

Details

The RGB color **210, 221, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 196, 221**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 253**, and **155, 166, 142** is the 20% darker color. If you saturate the color by 10%, you get **200, 221, 174**, and if you desaturate by 10%, it is **220, 221, 218**.

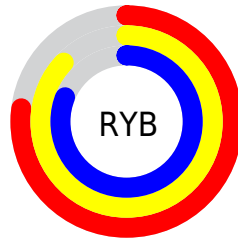
Distribution



Red (82%)

Green (87%)

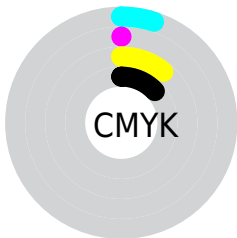
Blue (77%)



Red (77%)

Yellow (87%)

Blue (81%)

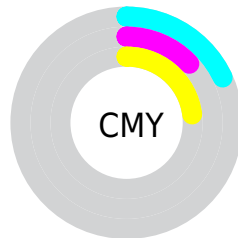


Cyan (5%)

Magenta (0%)

Yellow (11%)

Black (13%)



Cyan (18%)

Magenta (13%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 221, 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 210, 221, 196 by changing the saturation by 10% instead.

■ 210, 221, 196

255, 255, 255

255, 255, 253

■ 210, 221, 196

■ 182, 193, 169

■ 155, 166, 142

■ 129, 140, 117

■ 104, 114, 92

■ 80, 90, 68

■ 57, 66, 46

■ 35, 44, 25

■ 15, 24, 0

■ 0, 0, 0

 210, 221, 196

 210, 221, 196

 200, 221, 174

 220, 221, 218

 191, 221, 152


 229, 221, 240

 181, 221, 130

 239, 221, 255


 171, 221, 108


 249, 221, 255

 161, 221, 86

 255, 221, 255

 152, 221, 63

 142, 221, 41

 132, 221, 19

 124, 221, 0

Harmonies

Analogous

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



225, 217, 191



210, 221, 196



196, 224, 206

Triad

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



210, 221, 196



192, 221, 240



244, 208, 215

Complementary

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



210, 221, 196



207, 196, 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.



237, 210, 228



210, 221, 196



207, 217, 243

Square

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



210, 221, 196



185, 224, 232



223, 213, 238



244, 210, 202

Rectangle

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



210, 221, 196



189, 225, 215



223, 213, 238



243, 208, 219

Sweetspot

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



210, 221, 196



252, 255, 247



221, 207, 196



125, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



210, 221, 196



239, 255, 219



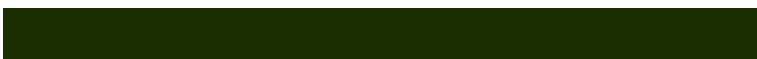
198, 221, 196



105, 110, 99



97, 173, 0



26, 46, 0

Inverse Universe

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



207, 196, 221



235, 219, 255



219, 196, 221



104, 99, 110



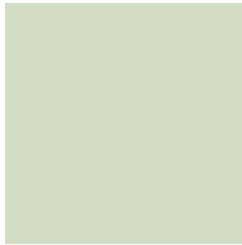
76, 0, 173



20, 0, 46

Previews

White Background



This preview shows how the RGB color 210, 221, 196 looks on a white background.

Color Contrast Check

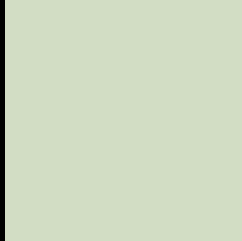
Large Text (above 18pt) WCAG AA × Fail

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 210, 221, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

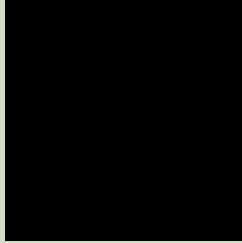
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

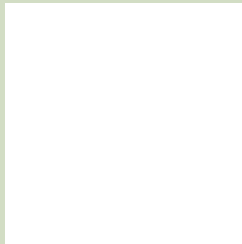
Any Text WCAG AAA ✓ Pass

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

RGB 210, 221, 196 Background



This preview shows how black text looks on a background with the RGB color 210, 221, 196.



This preview shows how white text looks on a background with the RGB color 210, 221, 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](#).

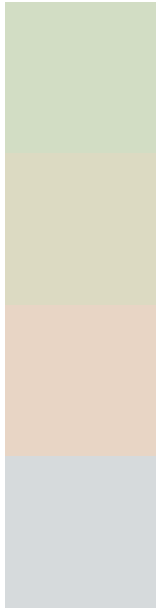
Dichromacy





Tritanopia
216, 216, 233

Trichromacy



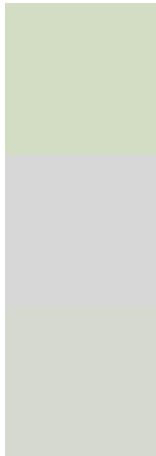
Original Color
210, 221, 196

Protanomaly
220, 218, 194

Deuteranomaly
232, 213, 197

Tritanomaly
214, 218, 220

Monochromacy



Original Color
210, 221, 196

Achromatopsia
215, 215, 215

Achromatomaly
213, 217, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 221, 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(210, 221, 196)` looks like.

```
.text, #text, p{  
    color:rgb(210, 221, 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(210, 221, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 221, 196) }
```

Border

The CSS property to change the border of an element to RGB 210, 221, 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(210, 221, 196) }
```

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

```
.border{ border-color:rgb(210, 221, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 221, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 221, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 221, 196);  
box-shadow:4px 4px 4px 4px rgb(210, 221,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 210, 221, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 221, 196) }
```

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

```
.background{ background-color: rgb(210,  
221, 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