Converting Colors

RGB(204, 208, 186)

Have a look what the booklet for RGB(204, 208, 186) contains.

Color

RGB(204, 208, 186)

Conversions

Format	Color
	Conversions Part 1
Hex	CCD0BA
RGB	204, 208, 186
RGB Percent	80%, 82%, 73%
CMY	0.2000, 0.1843, 0.2706
CMYK	0.02, 0.00, 0.11, 0.18
HSL	71°, 19%, 77%
HSV	71°, 11%, 82%
XYZ	56.3206, 61.4943, 55.3555
YIQ	204.2960, 4.6780, -7.6900

Conversions

Conversions Part 2

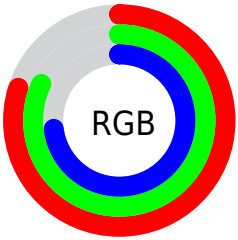
Format	Color
RYB	186, 208, 190
Decimal	13422778
CIELab	82.64, -5.22, 10.45
CIELCh	83, 11.685, 116.555
Yxy	61.4943, 0.3252, 0.3551
Android (android.graphics.Color)	4291612858 (0xFFCCD0BA)
YUV	204.2960, -9.0199, -0.2596
Hunter-Lab	78.4183, -9.0319, 13.0399

Details

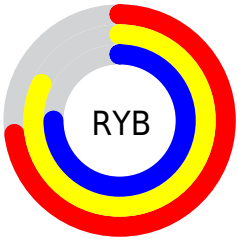
The RGB color 204, 208, 186 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 190, 186, 208, and the grayscale version is 204, 204, 204.

A 20% lighter version of the original color is 255, 255, 242, and 150, 154, 133 is the 20% darker color. If you saturate the color by 10%, you get 200, 208, 165, and if you desaturate by 10%, it is 208, 208, 207.

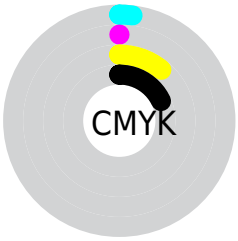
Distribution



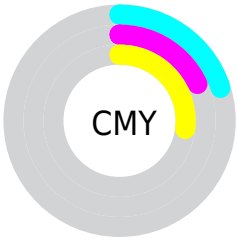
- Red (80%)
- Green (82%)
- Blue (73%)



- Red (73%)
- Yellow (82%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 208, 186 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, 208, 186 by changing the saturation by 10% instead.

204, 208, 186

255, 255, 255

255, 255, 242

204, 208, 186

177, 180, 159

150, 154, 133

124, 128, 108

99, 103, 83

75, 79, 60

52, 56, 38

31, 34, 18

1, 13, 0

0, 0, 0

204, 208, 186	204, 208, 186
200, 208, 165	208, 208, 207
196, 208, 144	212, 208, 228
193, 208, 124	215, 208, 248
189, 208, 103	219, 208, 255
185, 208, 82	223, 208, 255
181, 208, 61	227, 208, 255
178, 208, 40	230, 208, 255
174, 208, 20	234, 208, 255
170, 208, 0	238, 208, 255

Harmonies

Analogous

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

216, 204, 184

204, 208, 186

192, 211, 193

Triad

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

204, 208, 186

182, 210, 224

227, 198, 207

Complementary

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

204, 208, 186

190, 186, 208

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.

219, 200, 218

204, 208, 186

193, 207, 227

Square

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

204, 208, 186

178, 212, 215

206, 203, 225

230, 199, 196

Rectangle

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

204, 208, 186

185, 212, 200

206, 203, 225

225, 199, 211

Sweetspot

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

204, 208, 186

254, 255, 247

208, 190, 186

127, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

204, 208, 186

249, 255, 222

193, 208, 186

103, 105, 94

138, 168, 0

33, 41, 0

Inverse Universe

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

190, 186, 208

228, 222, 255

201, 186, 208

96, 94, 105

31, 0, 168

7, 0, 41

Previews

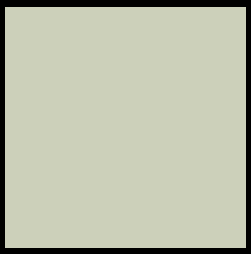
White Background

This preview shows how the RGB color 204, 208, 186 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



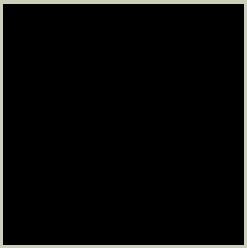
This preview shows how the RGB color 204, 208, 186 looks on a black background.

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, 208, 186 Background



This preview shows how black text looks on a background with the RGB color 204, 208, 186.

This preview shows how white text looks on a background with the RGB color 204, 208, 186.

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
204, 208, 186

Protanopia
214, 205, 184

Deuteranopia
232, 198, 188

Tritanopia
209, 203, 219

Trichromacy

Original Color
204, 208, 186

Protanomaly
210, 206, 185

Deuteranomaly
222, 202, 187

Tritanomaly
207, 205, 207

Monochromacy

Original Color
204, 208, 186

Achromatopsia
204, 204, 204

Achromatomaly
204, 205, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 208, 186 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, 208, 186) looks like.

```
.text, #text, p{
    color:rgb(204, 208, 186)
}
```

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, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 186) }
```

Border

The CSS property to change the border of an element to RGB 204, 208, 186 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, 208, 186) }
```

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

```
.border{ border-color:rgb(204, 208, 186) }
```

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

Here you see how a box with a 4 pixel rgb(204, 208, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 208, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 208, 186); box-shadow:4px 4px 4px 4px rgb(204, 208, 186) }
```

Background

The CSS property to change the background color of an element to RGB 204, 208, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(204, 208, 186) }
```

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

```
.background{ background-color:rgb(204,
208, 186) }
```

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