Converting Colors

RGB(204, 186, 208)

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

Color

RGB(204, 186, 208)

Conversions

Conversions Part 1

Format	Color
Hex	CCBAD0
RGB	204, 186, 208
RGB Percent	80%, 73%, 82%
CMY	0.2000, 0.2706, 0.1843
CMYK	0.02, 0.11, 0.00, 0.18
HSL	289°, 19%, 77%
HSV	289°, 11%, 82%
XYZ	53.8459, 52.5092, 66.9718
YIQ	193.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

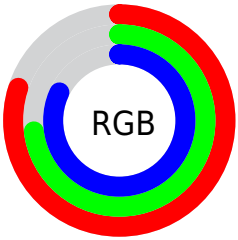
Format	Color
RYB	204, 186, 208
Decimal	13417168
CIELab	77.58, 10.34, -8.74
CIELCh	78, 13.537, 319.809
Yxy	52.5092, 0.3107, 0.3029
Android (android.graphics.Color)	4291607248 (0xFFCCBAD0)
YUV	193.8900, 6.9562, 8.8665
Hunter-Lab	72.4633, 5.8288, -4.0726

Details

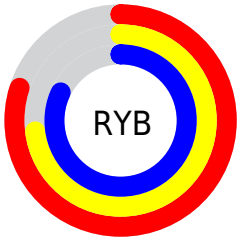
The RGB color 204, 186, 208 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 190, 208, 186, and the grayscale version is 194, 194, 194.

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

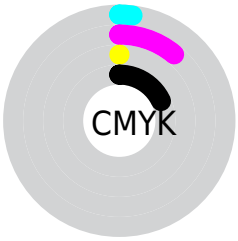
Distribution



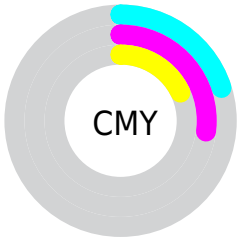
- Red (80%)
- Green (73%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

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

204, 186, 208

255, 255, 255

255, 242, 255

204, 186, 208

177, 159, 180

150, 133, 154

124, 108, 128

99, 83, 103

75, 60, 79

52, 38, 56

31, 18, 34

0, 0, 11

0, 0, 0

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

Harmonies

Analogous

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

189, 190, 215

204, 186, 208

215, 184, 196

Triad

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

204, 186, 208

206, 189, 167

160, 199, 200

Complementary

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

204, 186, 208

190, 208, 186

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.

166, 199, 187

204, 186, 208

193, 193, 168

Square

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

204, 186, 208

216, 186, 173

178, 197, 175

163, 197, 210

Rectangle

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

204, 186, 208

218, 183, 188

178, 197, 175

161, 199, 195

Sweetspot

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

204, 186, 208

254, 247, 255

186, 190, 208

127, 122, 128

0, 0, 0

128, 128, 128

Same Dimension

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

204, 186, 208

249, 222, 255

208, 186, 201

103, 94, 105

138, 0, 168

33, 0, 41

Inverse Universe

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

208, 186, 190

255, 222, 228

186, 208, 193

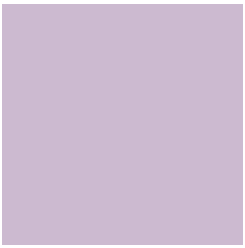
105, 94, 96

168, 0, 31

41, 0, 7

Previews

White Background

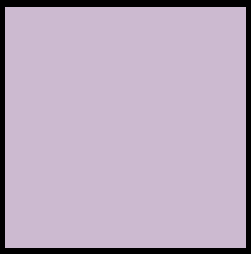


This preview shows how the RGB color 204, 186, 208 looks on a white background.

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



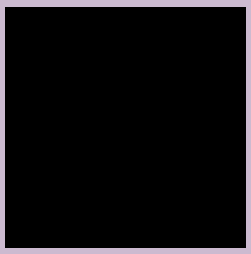
This preview shows how the RGB color 204, 186, 208 looks on a black background.

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, 186, 208 Background



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

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

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

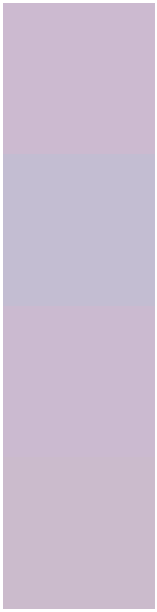
Original Color
204, 186, 208

Protanopia
190, 190, 211

Deuteranopia
203, 186, 208

Tritanopia
203, 187, 202

Trichromacy



Original Color
204, 186, 208

Protanomaly
195, 189, 210

Deuteranomaly
203, 186, 208

Tritanomaly
203, 187, 204

Monochromacy

Original Color
204, 186, 208

Achromatopsia
194, 194, 194

Achromatomaly
198, 191, 199

CSS Examples

Text

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

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

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, 186, 208) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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