Converting Colors

RGB(204, 175, 191)

Have a look what the booklet for RGB(204, 175, 191) contains.

Color

RGB(204, 175, 191)

Conversions

Conversions Part 1

Format	Color
Hex	CCAFBF
RGB	204, 175, 191
RGB Percent	80%, 69%, 75%
CMY	0.2000, 0.3137, 0.2510
CMYK	0.00, 0.14, 0.06, 0.20
HSL	327°, 22%, 74%
HSV	327°, 14%, 80%
XYZ	49.6358, 47.2589, 55.7960
YIQ	185.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

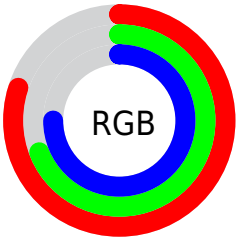
Format	Color
RYB	204, 175, 191
Decimal	13414335
CIELab	74.36, 13.18, -4.26
CIELCh	74, 13.855, 342.088
Yxy	47.2589, 0.3251, 0.3095
Android (android.graphics.Color)	4291604415 (0xFFCCAFBF)
YUV	185.4950, 2.7140, 16.2289
Hunter-Lab	68.7451, 8.5778, -0.0003

Details

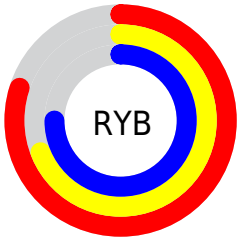
The RGB color 204, 175, 191 is a light color, and the websafe version is hex CC9999. A complement of this color would be 175, 204, 188, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 255, 231, 247, and 150, 122, 138 is the 20% darker color. If you saturate the color by 10%, you get 204, 155, 182, and if you desaturate by 10%, it is 204, 195, 200.

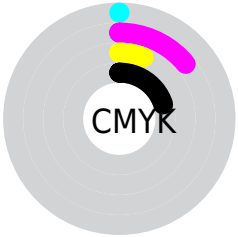
Distribution



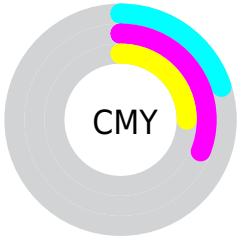
- Red (80%)
- Green (69%)
- Blue (75%)



- Red (80%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 175, 191 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, 175, 191 by changing the saturation by 10% instead.

204, 175, 191

255, 255, 255

255, 231, 247

204, 175, 191

176, 148, 164

150, 122, 138

124, 98, 112

99, 74, 88

75, 51, 65

52, 29, 43

31, 6, 22

0, 0, 0

204, 175, 191

204, 175, 191

204, 155, 182

204, 134, 173

204, 114, 164

204, 93, 154

204, 73, 145

204, 53, 136

204, 32, 127

204, 12, 118

204, 0, 113

204, 195, 200

204, 216, 209

204, 236, 218

204, 255, 228

204, 255, 237

204, 255, 246

204, 255, 255

Harmonies

Analogous

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

192, 178, 202

204, 175, 191

210, 174, 178

Triad

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

204, 175, 191

188, 184, 158

151, 189, 199

Complementary

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

204, 175, 191

175, 204, 188

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.

151, 190, 188

204, 175, 191

173, 187, 164

Square

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

204, 175, 191

200, 179, 159

160, 190, 175

161, 186, 207

Rectangle

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

204, 175, 191

210, 175, 170

160, 190, 175

150, 190, 196

Sweetspot

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

204, 175, 191

255, 245, 250

188, 175, 204

128, 121, 125

0, 0, 0

128, 128, 128

Same Dimension

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

204, 175, 191

255, 212, 236

204, 175, 177

102, 92, 97

166, 0, 91

38, 0, 21

Inverse Universe

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

204, 175, 191

255, 212, 236

175, 204, 202

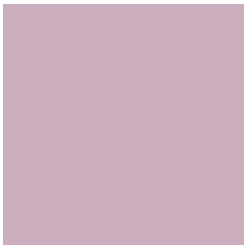
102, 92, 97

166, 0, 91

38, 0, 21

Previews

White Background

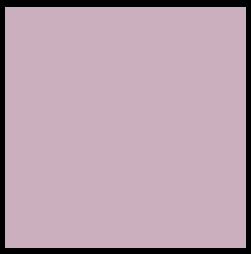


This preview shows how the RGB color 204, 175, 191 looks on a white background.

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



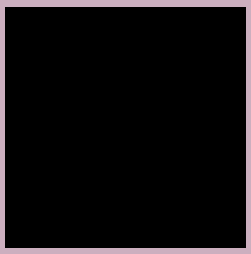
This preview shows how the RGB color 204, 175, 191 looks on a black background.

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, 175, 191 Background



This preview shows how black text looks on a background with the RGB color 204, 175, 191.

This preview shows how white text looks on a background with the RGB color 204, 175, 191.

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

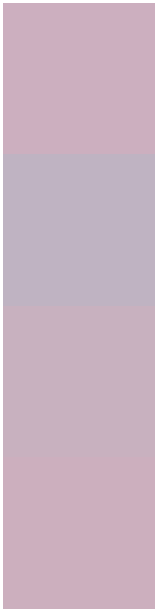
Original Color
204, 175, 191

Protanopia
183, 182, 195

Deuteranopia
197, 178, 191

Tritanopia
204, 175, 189

Trichromacy



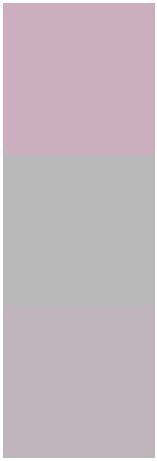
Original Color
204, 175, 191

Protanomaly
191, 179, 194

Deuteranomaly
200, 177, 191

Tritanomaly
204, 175, 190

Monochromacy



Original Color
204, 175, 191

Achromatopsia
185, 185, 185

Achromatomaly
192, 181, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 175, 191 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, 175, 191) looks like.

```
.text, #text, p{
    color:rgb(204, 175, 191)
}
```

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, 175, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 175, 191) }
```

Border

The CSS property to change the border of an element to RGB 204, 175, 191 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, 175, 191) }
```

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

```
.border{ border-color:rgb(204, 175, 191) }
```

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

Here you see how a box with a 4 pixel rgb(204, 175, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 175, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 175, 191); box-shadow:4px 4px 4px 4px rgb(204, 175, 191) }
```

Background

The CSS property to change the background color of an element to RGB 204, 175, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(204, 175, 191) }
```

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

```
.background{ background-color:rgb(204,
175, 191) }
```

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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