Converting Colors

RGB(204, 156, 197)

Have a look what the booklet for RGB(204, 156, 197) contains.

Color

RGB(204, 156, 197)

Conversions

Conversions Part 1

Format	Color
Hex	CC9CC5
RGB	204, 156, 197
RGB Percent	80%, 61%, 77%
CMY	0.2000, 0.3882, 0.2275
CMYK	0.00, 0.24, 0.03, 0.20
HSL	309°, 32%, 71%
HSV	309°, 24%, 80%
XYZ	46.8684, 40.6455, 58.1985
YIQ	175.0260, 15.4470, 22.9270

Conversions

Conversions Part 2

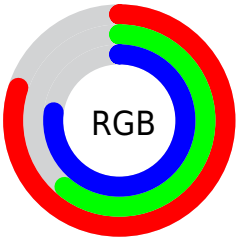
Format	Color
RYB	204, 156, 197
Decimal	13409477
CIELab	69.93, 24.64, -14.16
CIELCh	70, 28.423, 330.117
Yxy	40.6455, 0.3216, 0.2789
Android (android.graphics.Color)	4291599557 (0xFFCC9CC5)
YUV	175.0260, 10.8332, 25.4102
Hunter-Lab	63.7538, 19.6543, -9.4959

Details

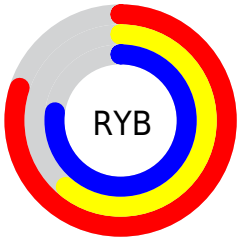
The RGB color 204, 156, 197 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 156, 204, 163, and the grayscale version is 175, 175, 175.

A 20% lighter version of the original color is 255, 211, 254, and 149, 104, 143 is the 20% darker color. If you saturate the color by 10%, you get 204, 136, 194, and if you desaturate by 10%, it is 204, 176, 200.

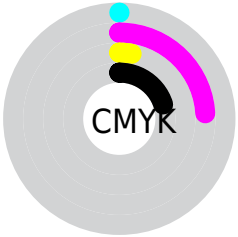
Distribution



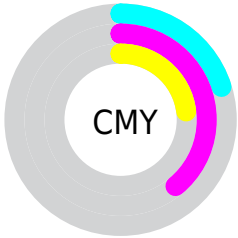
- Red (80%)
- Green (61%)
- Blue (77%)



- Red (80%)
- Yellow (61%)
- Blue (77%)



- Cyan (0%)
- Magenta (24%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 156, 197 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, 156, 197 by changing the saturation by 10% instead.

204, 156, 197

255, 255, 255

255, 211, 254

255, 239, 255

204, 156, 197

176, 130, 170

149, 104, 143

123, 80, 118

98, 56, 93

73, 34, 69

50, 11, 47

32, 0, 27

0, 0, 0

204, 156, 197

204, 156, 197

204, 136, 194

204, 115, 191

204, 95, 188

204, 74, 185

204, 54, 182

204, 34, 179

204, 13, 176

204, 0, 174

204, 176, 200

204, 197, 203

204, 217, 206

204, 238, 209

204, 255, 212

204, 255, 215

204, 255, 218

204, 255, 221

204, 255, 224

Harmonies

Analogous

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

175, 164, 215

204, 156, 197

220, 152, 172

Triad

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

204, 156, 197

189, 169, 119

90, 184, 196

Complementary

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

204, 156, 197

156, 204, 163

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.

104, 185, 170

204, 156, 197

162, 177, 126

Square

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

204, 156, 197

211, 161, 127

132, 183, 144

104, 180, 215

Rectangle

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

204, 156, 197

223, 152, 154

132, 183, 144

92, 185, 188

Sweetspot

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

204, 156, 197

255, 237, 252

162, 156, 204

128, 117, 126

0, 0, 0

128, 128, 128

Same Dimension

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

204, 156, 197

255, 184, 245

204, 156, 174

102, 92, 101

166, 0, 142

38, 0, 33

Inverse Universe

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

204, 156, 197

255, 184, 245

156, 204, 186

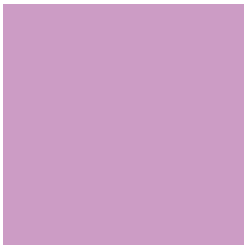
102, 92, 101

166, 0, 142

38, 0, 33

Previews

White Background

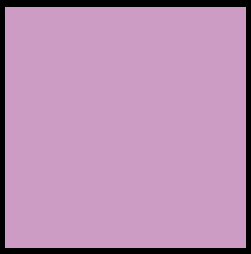


This preview shows how the RGB color 204, 156, 197 looks on a white background.

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



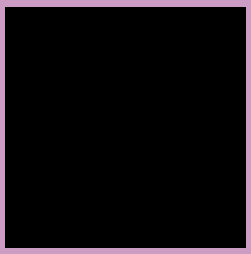
This preview shows how the RGB color 204, 156, 197 looks on a black background.

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, 156, 197 Background



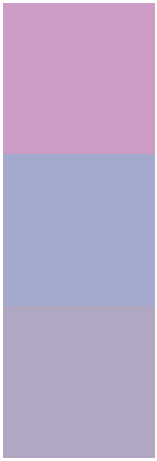
This preview shows how black text looks on a background with the RGB color 204, 156, 197.

This preview shows how white text looks on a background with the RGB color 204, 156, 197.

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



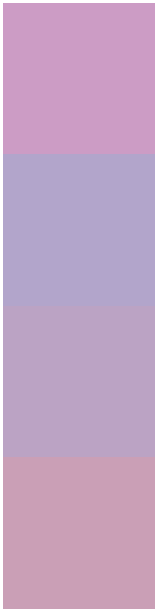
Original Color
204, 156, 197

Protanopia
163, 170, 206

Deuteranopia
177, 167, 195

Tritanopia
201, 160, 173

Trichromacy



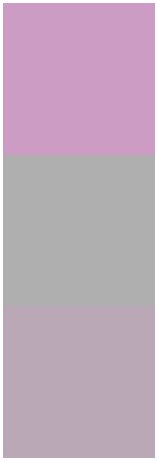
Original Color
204, 156, 197

Protanomaly
178, 165, 203

Deuteranomaly
187, 163, 196

Tritanomaly
202, 159, 182

Monochromacy



Original Color
204, 156, 197

Achromatopsia
175, 175, 175

Achromatomaly
186, 168, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 156, 197 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, 156, 197) looks like.

```
.text, #text, p{
    color:rgb(204, 156, 197)
}
```

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, 156, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 156, 197) }
```

Border

The CSS property to change the border of an element to RGB 204, 156, 197 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, 156, 197) }
```

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

```
.border{ border-color:rgb(204, 156, 197) }
```

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

Here you see how a box with a 4 pixel rgb(204, 156, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 156, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 156, 197); box-shadow:4px 4px 4px 4px rgb(204, 156, 197) }
```

Background

The CSS property to change the background color of an element to RGB 204, 156, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(204, 156, 197) }
```

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

```
.background{ background-color:rgb(204,
156, 197) }
```

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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