

Converting Colors

RGB(204, 150, 176)

Have a look what the booklet for
RGB(204, 150, 176) contains.

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Color

RGB(204, 150, 176)

Conversions

Conversions Part 1

Format	Color
Hex	CC96B0
RGB	204, 150, 176
RGB Percent	80%, 59%, 69%
CMY	0.2000, 0.4118, 0.3098
CMYK	0.00, 0.26, 0.14, 0.20
HSL	331°, 35%, 69%
HSV	331°, 26%, 80%
XYZ	43.6447, 37.7847, 46.0671
YIQ	169.1100, 23.8380, 19.5340

Conversions

Conversions Part 2

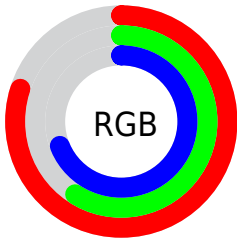
Format	Color
RYB	204, 150, 176
Decimal	13407920
CIELab	67.86, 24.27, -5.55
CIELCh	68, 24.901, 347.110
Yxy	37.7847, 0.3423, 0.2964
Android (android.graphics.Color)	4291598000 (0xFFCC96B0)
YUV	169.1100, 3.3968, 30.5985
Hunter-Lab	61.4692, 19.1683, -1.4055

Details

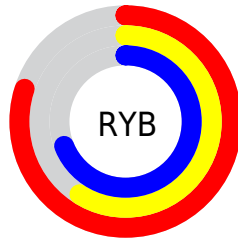
The RGB color **204, 150, 176** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **150, 204, 178**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 205, 232**, and **149, 99, 124** is the 20% darker color. If you saturate the color by 10%, you get **204, 130, 165**, and if you desaturate by 10%, it is **204, 170, 187**.

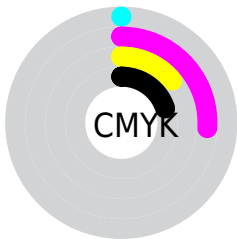
Distribution



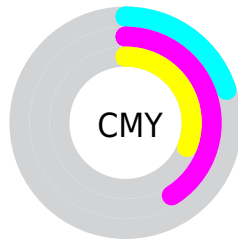
- Red (80%)
- Green (59%)
- Blue (69%)



- Red (80%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (14%)
- Black (20%)





- Cyan (20%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 150, 176 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, 150, 176 by changing the saturation by 10% instead.

 204, 150, 176

 204, 150, 176

255, 255, 255

 176, 124, 149

 255, 205, 232

 149, 99, 124

 255, 233, 255

 123, 74, 99


 97, 51, 75


 72, 28, 52


 49, 6, 31

 27, 0, 5


 0, 0, 0

 204, 150, 176

 204, 150, 176

 204, 130, 165


 204, 170, 187

 204, 109, 155

 204, 191, 197

 204, 89, 144


 204, 211, 208

 204, 68, 134

 204, 232, 218

 204, 48, 123

 204, 252, 229

 204, 28, 113

 204, 255, 239

 204, 7, 102

 204, 255, 250

 204, 0, 98

 204, 255, 255

Harmonies

Analogous

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



184, 155, 196



204, 150, 176



211, 149, 153

Triad

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



204, 150, 176



168, 168, 122



102, 176, 197

Complementary

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



204, 150, 176



150, 204, 178

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.



101, 178, 178



204, 150, 176



143, 174, 134

Square

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



204, 150, 176



191, 161, 122



118, 177, 155



125, 170, 209

Rectangle

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



204, 150, 176



209, 152, 139



118, 177, 155



99, 177, 192

Sweetspot

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



204, 150, 176



255, 235, 244



178, 150, 204



128, 115, 121



0, 0, 0



128, 128, 128

Same Dimension

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



204, 150, 176



255, 173, 213



204, 151, 150



102, 92, 97



166, 0, 80



38, 0, 18

Inverse Universe

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



204, 150, 176



255, 173, 213



150, 203, 204



102, 92, 97



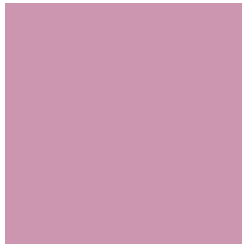
166, 0, 80



38, 0, 18

Previews

White Background



This preview shows how the RGB color 204, 150, 176 looks on a white background.

Color Contrast Check

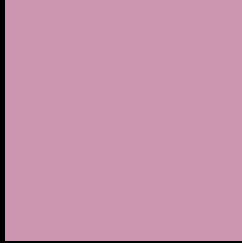
Large Text (above 18pt) WCAG AA × Fail

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, 150, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

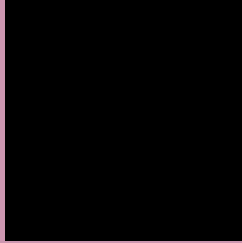
Any Text WCAG AA ✓ Pass

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, 150, 176 Background



This preview shows how black text looks on a background with the RGB color 204, 150, 176.

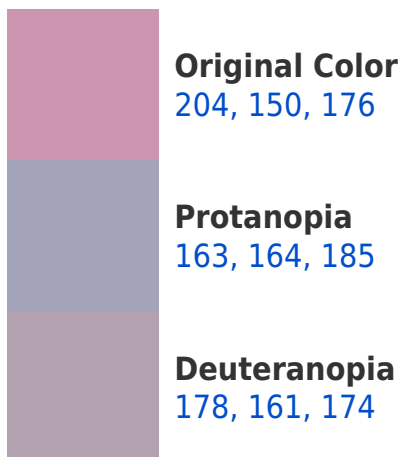



This preview shows how white text looks on a background with the RGB color 204, 150, 176.

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
203, 152, 164

Trichromacy



Original Color
204, 150, 176

Protanomaly
178, 159, 182

Deuteranomaly
187, 157, 175

Tritanomaly
203, 151, 168

Monochromacy



Original Color
204, 150, 176

Achromatopsia
169, 169, 169

Achromatomaly
182, 162, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 150, 176 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, 150, 176) looks like.

```
.text, #text, p{  
    color:rgb(204, 150, 176)  
}
```

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, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 150, 176) }
```

Border

The CSS property to change the border of an element to RGB 204, 150, 176 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, 150, 176) }
```

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

```
.border{ border-color:rgb(204, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(204, 150,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 204, 150, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 150, 176) }
```

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

```
.background{ background-color: rgb(204,  
150, 176) }
```

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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