

Converting Colors

RGB(204, 174, 209)

Have a look what the booklet for
RGB(204, 174, 209) contains.

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Color

RGB(204, 174, 209)

Conversions

Conversions Part 1

Format	Color
Hex	CCAED1
RGB	204, 174, 209
RGB Percent	80%, 68%, 82%
CMY	0.2000, 0.3176, 0.1804
CMYK	0.02, 0.17, 0.00, 0.18
HSL	291°, 28%, 75%
HSV	291°, 17%, 82%
XYZ	51.5465, 47.7129, 66.8143
YIQ	186.9600, 6.6450, 17.2450

Conversions

Conversions Part 2

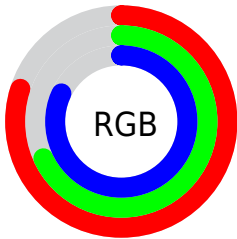
Format	Color
RYB	204, 174, 209
Decimal	13414097
CIELab	74.64, 17.04, -13.67
CIELCh	75, 21.849, 321.260
Yxy	47.7129, 0.3104, 0.2873
Android (android.graphics.Color)	4291604177 (0xFFCCAED1)
YUV	186.9600, 10.8657, 14.9441
Hunter-Lab	69.0745, 12.3242, -8.9978

Details

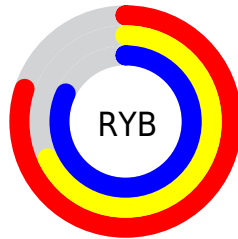
The RGB color **204, 174, 209** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **179, 209, 174**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 230, 255**, and **150, 121, 155** is the 20% darker color. If you saturate the color by 10%, you get **201, 153, 209**, and if you desaturate by 10%, it is **207, 195, 209**.

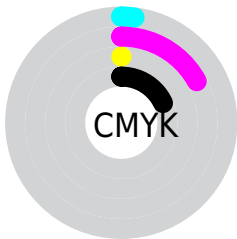
Distribution



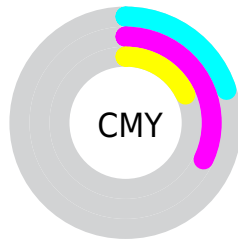
- Red (80%)
- Green (68%)
- Blue (82%)



- Red (80%)
- Yellow (68%)
- Blue (82%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)




- Cyan (20%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 174, 209 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, 174, 209 by changing the saturation by 10% instead.


 204, 174, 209

255, 255, 255

 255, 230, 255

 204, 174, 209


 176, 147, 181


 150, 121, 155

 124, 97, 129

 98, 73, 103


 74, 50, 79


 51, 28, 56


 31, 5, 35

 0, 0, 11

 0, 0, 0

 204, 174, 209

 204, 174, 209

 201, 153, 209

 207, 195, 209

 198, 132, 209


 210, 216, 209

 195, 111, 209

 213, 237, 209

 192, 90, 209

 216, 255, 209

 189, 70, 209

 219, 255, 209

 186, 49, 209

 222, 255, 209


 183, 28, 209

 225, 255, 209

 180, 7, 209

 228, 255, 209

 179, 0, 209

 231, 255, 209

Harmonies

Analogous

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



179, 181, 221



204, 174, 209



220, 170, 190

Triad

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



204, 174, 209



205, 180, 144



129, 195, 197

Complementary

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



204, 174, 209



179, 209, 174

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.



140, 195, 177



204, 174, 209



184, 187, 146

Square

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



204, 174, 209



220, 174, 153



161, 192, 158



133, 192, 214

Rectangle

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



204, 174, 209



225, 169, 177



161, 192, 158



131, 195, 191

Sweetspot

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



204, 174, 209



253, 242, 255



174, 179, 209



126, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 174, 209



248, 204, 255



209, 174, 197



103, 94, 105



144, 0, 168



35, 0, 41

Inverse Universe

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



209, 174, 179



255, 204, 211



174, 209, 186



105, 94, 96



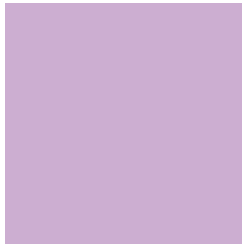
168, 0, 24



41, 0, 6

Previews

White Background



This preview shows how the RGB color 204, 174, 209 looks on a white background.

Color Contrast Check

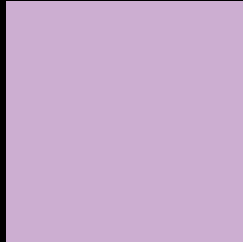
Large Text (above 18pt) WCAG AA × Fail

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, 174, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

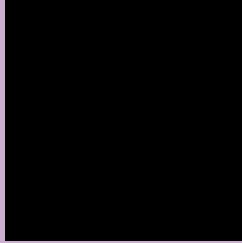
Any Text WCAG AA ✓ Pass

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, 174, 209 Background



This preview shows how black text looks on a background with the RGB color 204, 174, 209.



This preview shows how white text looks on a background with the RGB color 204, 174, 209.

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, 174, 209

Protanopia
178, 182, 214

Deuteranopia
190, 179, 208



Tritanopia
201, 177, 191

Trichromacy



Original Color
204, 174, 209

Protanomaly
187, 179, 212

Deuteranomaly
195, 177, 208

Tritanomaly
202, 176, 198

Monochromacy



Original Color
204, 174, 209

Achromatopsia
187, 187, 187

Achromatomaly
193, 182, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 174, 209 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, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(204, 174, 209)  
}
```

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, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 174, 209) }
```

Border

The CSS property to change the border of an element to RGB 204, 174, 209 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, 174, 209) }
```

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

```
.border{ border-color:rgb(204, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 174,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 204, 174, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 174, 209) }
```

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

```
.background{ background-color: rgb(204,  
174, 209) }
```

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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