

Converting Colors

RGB(204, 173, 208)

Have a look what the booklet for
RGB(204, 173, 208) contains.

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Color

RGB(204, 173, 208)

Conversions

Conversions Part 1

Format	Color
Hex	CCADD0
RGB	204, 173, 208
RGB Percent	80%, 68%, 82%
CMY	0.2000, 0.3216, 0.1843
CMYK	0.02, 0.17, 0.00, 0.18
HSL	293°, 27%, 75%
HSV	293°, 17%, 82%
XYZ	51.2306, 47.2786, 66.1000
YIQ	186.2590, 7.2410, 17.4570

Conversions

Conversions Part 2

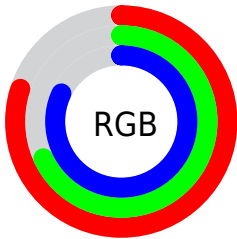
Format	Color
RYB	204, 173, 208
Decimal	13413840
CIELab	74.37, 17.40, -13.54
CIElCh	74, 22.045, 322.104
Yxy	47.2786, 0.3112, 0.2872
Android (android.graphics.Color)	4291603920 (0xFFCCADD0)
YUV	186.2590, 10.7183, 15.5589
Hunter-Lab	68.7594, 12.6660, -8.8653

Details

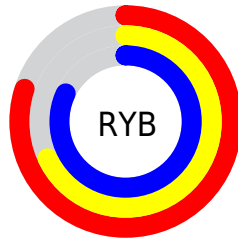
The RGB color **204, 173, 208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177, 208, 173**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 229, 255**, and **150, 121, 154** is the 20% darker color. If you saturate the color by 10%, you get **202, 152, 208**, and if you desaturate by 10%, it is **206, 194, 208**.

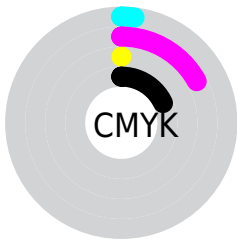
Distribution



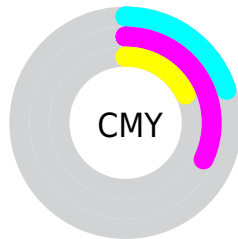
- Red (80%)
- Green (68%)
- Blue (82%)



- 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, 173, 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, 173, 208 by changing the saturation by 10% instead.


 204, 173, 208

255, 255, 255

 255, 229, 255

 204, 173, 208


 176, 146, 180


 150, 121, 154

 124, 96, 128

 98, 72, 103


 74, 49, 78

 51, 27, 56

 31, 4, 34

 0, 0, 9


 0, 0, 0

 204, 173, 208

 204, 173, 208

 202, 152, 208

 206, 194, 208

 199, 131, 208

 209, 215, 208

 197, 111, 208

 211, 235, 208

 194, 90, 208

 214, 255, 208

 192, 69, 208

 216, 255, 208

 190, 48, 208

 218, 255, 208

 187, 27, 208

 221, 255, 208

 185, 7, 208

 223, 255, 208

 184, 0, 208

 225, 255, 208

Harmonies

Analogous

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



179, 180, 220



204, 173, 208



220, 169, 189

Triad

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



204, 173, 208



204, 180, 143



127, 194, 197

Complementary

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



204, 173, 208



177, 208, 173

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.



138, 194, 177



204, 173, 208



182, 186, 145

Square

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



204, 173, 208



219, 173, 152



159, 191, 158



132, 192, 214

Rectangle

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



204, 173, 208



225, 169, 175



159, 191, 158



129, 195, 191

Sweetspot

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



204, 173, 208



254, 242, 255



173, 177, 208



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 173, 208



249, 204, 255



208, 173, 195



103, 94, 105



149, 0, 168



36, 0, 41

Inverse Universe

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



208, 173, 177



255, 204, 210



173, 208, 186



105, 94, 95



168, 0, 19



41, 0, 5

Previews

White Background



This preview shows how the RGB color 204, 173, 208 looks on a white background.

Color Contrast Check

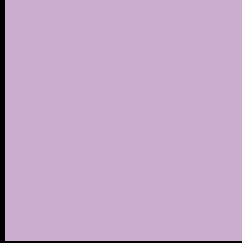
Large Text (above 18pt) WCAG AA × Fail

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, 173, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

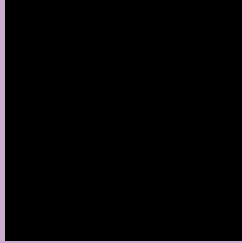
Any Text WCAG AA ✓ Pass

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, 173, 208 Background



This preview shows how black text looks on a background with the RGB color 204, 173, 208.



This preview shows how white text looks on a background with the RGB color 204, 173, 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, 173, 208

Protanopia
177, 182, 214

Deuteranopia
190, 178, 207



Tritanopia
201, 176, 190

Trichromacy



Original Color

204, 173, 208

Protanomaly

187, 179, 212

Deuteranomaly

195, 176, 207

Tritanomaly

202, 175, 197

Monochromacy



Original Color

204, 173, 208

Achromatopsia

186, 186, 186

Achromatomaly

193, 181, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 173, 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, 173, 208)` looks like.

```
.text, #text, p{  
    color:rgb(204, 173, 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, 173, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 173, 208) }
```

Border

The CSS property to change the border of an element to RGB 204, 173, 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, 173, 208) }
```

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

```
.border{ border-color:rgb(204, 173, 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, 173, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 173, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 173, 208);  
box-shadow:4px 4px 4px 4px rgb(204, 173,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 204, 173, 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, 173, 208) }
```

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

```
.background{ background-color: rgb(204,  
173, 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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