

Converting Colors

RGB(204, 124, 198)

Have a look what the booklet for
RGB(204, 124, 198) contains.

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Color

RGB(204, 124, 198)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CC7CC6 |
| RGB | 204, 124, 198 |
| RGB Percent | 80%, 49%, 78% |
| CMY | 0.2000, 0.5137, 0.2235 |
| CMYK | 0.00, 0.39, 0.03, 0.20 |
| HSL | 304°, 44%, 64% |
| HSV | 304°, 39%, 80% |
| XYZ | 42.3025, 31.3299, 57.2438 |
| YIQ | 156.3560, 23.9260, 39.9740 |

Conversions

Conversions Part 2

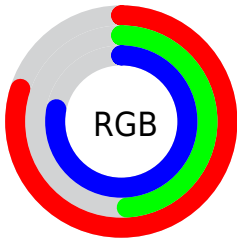
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 204, 124, 198 |
| Decimal | 13401286 |
| CIELab | 62.79, 42.16, -25.58 |
| CIELCh | 63, 49.314, 328.751 |
| Yxy | 31.3299, 0.3232, 0.2394 |
| Android (android.graphics.Color) | 4291591366 (0xFFCC7CC6) |
| YUV | 156.3560, 20.5305, 41.7838 |
| Hunter-Lab | 55.9731, 36.9512, -21.4548 |

Details

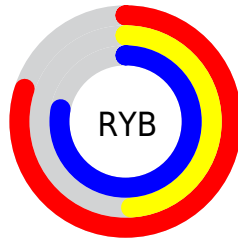
The RGB color **204, 124, 198** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **124, 204, 130**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 178, 255**, and **148, 72, 144** is the 20% darker color. If you saturate the color by 10%, you get **204, 104, 196**, and if you desaturate by 10%, it is **204, 144, 200**.

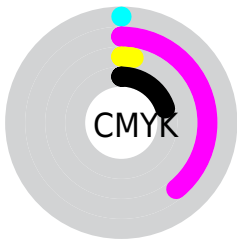
Distribution



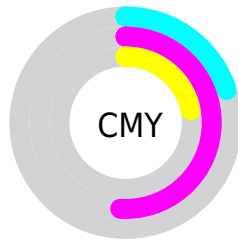
- Red (80%)
- Green (49%)
- Blue (78%)



- Red (80%)
- Yellow (49%)
- Blue (78%)



- Cyan (0%)
- Magenta (39%)
- Yellow (3%)
- Black (20%)




- Cyan (20%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 124, 198 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, 124, 198 by changing the saturation by 10% instead.

 204, 124, 198

255, 255, 255


 255, 178, 255


 255, 206, 255

 255, 235, 255

 204, 124, 198

 176, 98, 171

 148, 72, 144

 121, 47, 118


 95, 20, 93


 70, 0, 69


 47, 0, 47

 13, 0, 25

 0, 0, 0

 204, 124, 198


 204, 124, 198


 204, 104, 196

 204, 144, 200

 204, 83, 195

 204, 165, 201

 204, 63, 193

 204, 185, 203

 204, 42, 192

 204, 206, 204

 204, 22, 190

 204, 226, 206

 204, 2, 189

 204, 246, 207

 204, 0, 189

 204, 255, 209

 204, 255, 210

 204, 255, 212

Harmonies

Analogous

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



151, 141, 229



204, 124, 198



230, 114, 156

Triad

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



204, 124, 198



179, 149, 61



0, 173, 193

Complementary

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



204, 124, 198



124, 204, 130

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.



0, 174, 149



204, 124, 198



135, 162, 71

Square

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



204, 124, 198



213, 133, 77



78, 170, 105



0, 168, 226

Rectangle

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



204, 124, 198



234, 115, 126



78, 170, 105



0, 174, 179

Sweetspot

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



204, 124, 198



255, 224, 253



129, 124, 204



128, 110, 126



0, 0, 0



128, 128, 128

Same Dimension

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



204, 124, 198



255, 135, 246



204, 124, 159



102, 92, 101



166, 0, 153



38, 0, 35

Inverse Universe

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



204, 124, 198



255, 135, 246



124, 204, 169



102, 92, 101



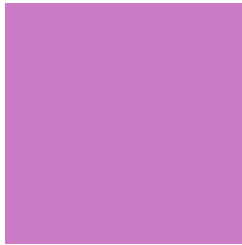
166, 0, 153



38, 0, 35

Previews

White Background



This preview shows how the RGB color 204, 124, 198 looks on a white background.

Color Contrast Check

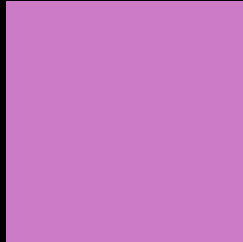
Large Text (above 18pt) WCAG AA × Fail

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, 124, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

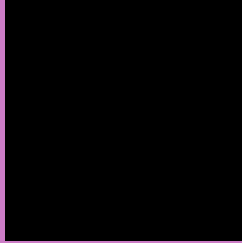
Any Text WCAG AA ✓ Pass

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, 124, 198 Background



This preview shows how black text looks on a background with the RGB color 204, 124, 198.

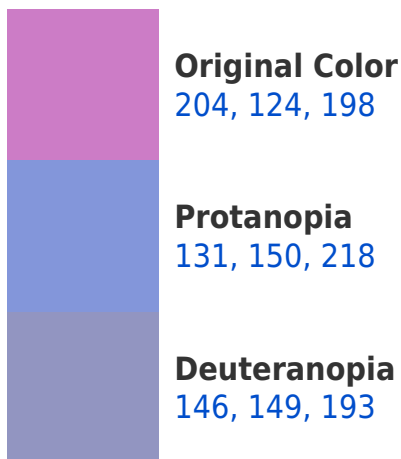


This preview shows how white text looks on a background with the RGB color 204, 124, 198.

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
197, 135, 145

Trichromacy



Original Color
204, 124, 198



Protanomaly
158, 141, 211



Deuteranomaly
167, 140, 195



Tritanomaly
200, 131, 164

Monochromacy



Original Color
204, 124, 198



Achromatopsia
156, 156, 156



Achromatomaly
173, 144, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 124, 198 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, 124, 198) looks like.

```
.text, #text, p{  
    color:rgb(204, 124, 198)  
}
```

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, 124, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 124, 198) }
```

Border

The CSS property to change the border of an element to RGB 204, 124, 198 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, 124, 198) }
```

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

```
.border{ border-color:rgb(204, 124, 198) }
```

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

Here you see how a box with a 4 pixel rgb(204, 124, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 124, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 124, 198);  
box-shadow:4px 4px 4px 4px rgb(204, 124,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 204, 124, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 124, 198) }
```

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

```
.background{ background-color: rgb(204,  
124, 198) }
```

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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