

Converting Colors

RGB(204, 77, 134)

Have a look what the booklet for
RGB(204, 77, 134) contains.

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Color

RGB(204, 77, 134)

Conversions

Conversions Part 1

Format	Color
Hex	CC4D86
RGB	204, 77, 134
RGB Percent	80%, 30%, 53%
CMY	0.2000, 0.6980, 0.4745
CMYK	0.00, 0.62, 0.34, 0.20
HSL	333°, 55%, 55%
HSV	333°, 62%, 80%
XYZ	31.8588, 19.8664, 24.7097
YIQ	121.4710, 57.3950, 44.6510

Conversions

Conversions Part 2

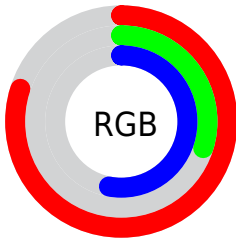
Format	Color
RYB	204, 77, 134
Decimal	13389190
CIELab	51.69, 55.57, -5.29
CIELCh	52, 55.826, 354.560
Yxy	19.8664, 0.4168, 0.2599
Android (android.graphics.Color)	4291579270 (0xFFCC4D86)
YUV	121.4710, 6.1768, 72.3779
Hunter-Lab	44.5717, 49.5871, -1.6691

Details

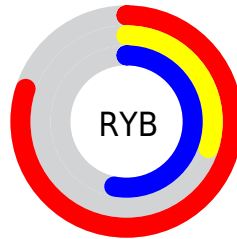
The RGB color **204, 77, 134** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **77, 204, 147**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **255, 132, 187**, and **146, 10, 85** is the 20% darker color. If you saturate the color by 10%, you get **204, 57, 123**, and if you desaturate by 10%, it is **204, 97, 145**.

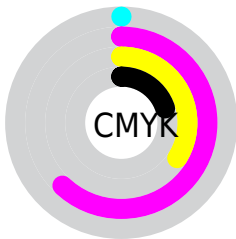
Distribution



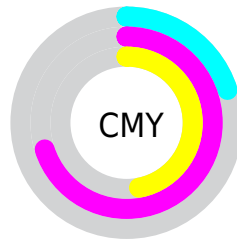
- Red (80%)
- Green (30%)
- Blue (53%)



- Red (80%)
- Yellow (30%)
- Blue (53%)



- Cyan (0%)
- Magenta (62%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (70%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 77, 134 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, 77, 134 by changing the saturation by 10% instead.

 204, 77, 134

 204, 77, 134

255, 255, 255

 175, 48, 109

 255, 132, 187

 146, 10, 85

 255, 160, 215

 117, 0, 61

 255, 188, 243

 89, 0, 40

 255, 217, 255

 64, 0, 19

 255, 247, 255

 34, 0, 1

 0, 0, 0

 204, 77, 134


 204, 77, 134


 204, 57, 123

 204, 97, 145


 204, 36, 112

 204, 118, 156


 204, 16, 100

 204, 138, 168

 204, 0, 92

 204, 159, 179

 204, 179, 190

 204, 199, 201

 204, 220, 213

 204, 240, 224

 204, 255, 235

Harmonies

Analogous

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



172, 93, 179



204, 77, 134



208, 80, 86

Triad

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



204, 77, 134



109, 132, 24



0, 141, 200

Complementary

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



204, 77, 134



77, 204, 147

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, 145, 162



204, 77, 134



41, 141, 65

Square

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



204, 77, 134



154, 118, 11



0, 145, 113



0, 131, 219

Rectangle

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



204, 77, 134



197, 92, 58



0, 145, 113



0, 143, 189

Sweetspot

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



204, 77, 134



255, 207, 228



147, 77, 204



128, 98, 111



0, 0, 0



128, 128, 128

Same Dimension

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



204, 77, 134



255, 64, 150



204, 83, 77



102, 92, 96



166, 0, 74



38, 0, 17

Inverse Universe

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



204, 77, 134



255, 64, 150



77, 198, 204



102, 92, 96



166, 0, 74



38, 0, 17

Previews

White Background



This preview shows how the RGB color 204, 77, 134 looks on a white background.

Color Contrast Check

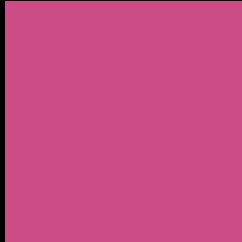
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77, 134 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 204, 77, 134 Background



This preview shows how black text looks on a background with the RGB color 204, 77, 134.

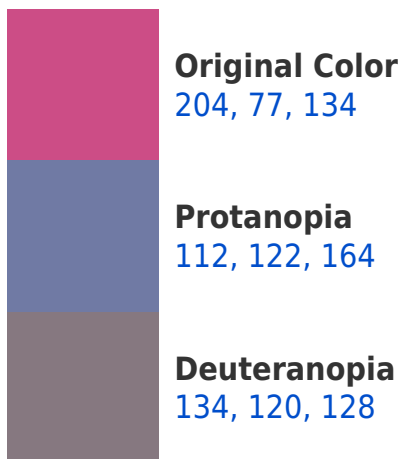


This preview shows how white text looks on a background with the RGB color 204, 77, 134.

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
201, 86, 92

Trichromacy



Original Color

204, 77, 134



Protanomaly

145, 106, 153



Deuteranomaly

159, 104, 130



Tritanomaly

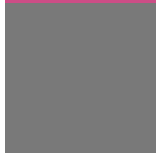
202, 83, 107

Monochromacy



Original Color

204, 77, 134



Achromatopsia

121, 121, 121



Achromatomaly

151, 105, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 77, 134 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, 77, 134)` looks like.

```
.text, #text, p{  
    color:rgb(204, 77, 134)  
}
```

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, 77, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 77, 134) }
```

Border

The CSS property to change the border of an element to RGB 204, 77, 134 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, 77, 134) }
```

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

```
.border{ border-color:rgb(204, 77, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 77, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 77, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 77, 134);  
box-shadow:4px 4px 4px 4px rgb(204, 77,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 204, 77, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 77, 134) }
```

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

```
.background{ background-color: rgb(204, 77,  
134) }
```

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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