

Converting Colors

RGB(204, 3, 100)

Have a look what the booklet for
RGB(204, 3, 100) contains.

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Color

RGB(204, 3, 100)

Conversions

Conversions Part 1	
Format	Color
Hex	CC0364
RGB	204, 3, 100
RGB Percent	80%, 1%, 39%
CMY	0.2000, 0.9882, 0.6078
CMYK	0.00, 0.99, 0.51, 0.20
HSL	331°, 97%, 41%
HSV	331°, 99%, 80%
XYZ	27.2347, 13.8226, 13.2892
YIQ	74.1570, 88.6590, 72.7790

Conversions

Conversions Part 2

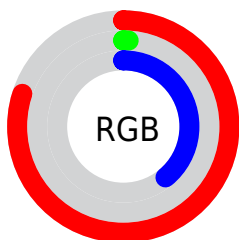
Format	Color
RYB	204, 3, 100
Decimal	13370212
CIELab	43.98, 71.11, 4.20
CIELCh	44, 71.234, 3.382
Yxy	13.8226, 0.5011, 0.2543
Android (android.graphics.Color)	4291560292 (0xFFCC0364)
YUV	74.1570, 12.7406, 113.8723
Hunter-Lab	37.1787, 65.6943, 4.8325

Details

The RGB color **204, 3, 100** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **3, 204, 107**, and the grayscale version is **74, 74, 74**.

A 20% lighter version of the original color is **255, 88, 151**, and **143, 0, 54** is the 20% darker color. If you saturate the color by 10%, you get **204, 0, 98**, and if you desaturate by 10%, it is **204, 23, 111**.

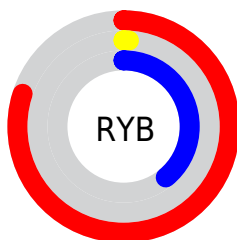
Distribution



Red (80%)

Green (1%)

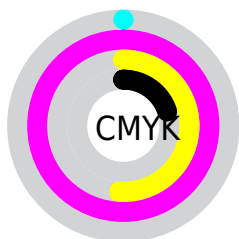
Blue (39%)



Red (80%)

Yellow (1%)

Blue (39%)

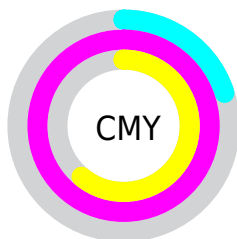


Cyan (0%)

Magenta (99%)

Yellow (51%)

Black (20%)



Cyan (20%)


Magenta (99%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 3, 100 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, 3, 100 by changing the saturation by 10% instead.

 204, 3, 100  204, 3, 100

255, 255, 255  173, 0, 76

 255, 88, 151  143, 0, 54

 255, 118, 177  113, 0, 33

 255, 148, 205  84, 0, 9

 255, 177, 233  54, 0, 2


 255, 207, 255  5, 0, 0

 255, 237, 255  0, 0, 0


 204, 3, 100  204, 3, 100

 204, 0, 98  204, 23, 111

 204, 44, 121


 204, 64, 132

 204, 85, 142

 204, 105, 153

 204, 125, 163

 204, 146, 174

 204, 166, 184

 204, 187, 195

Harmonies

Analogous

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



178, 46, 158



204, 3, 100



198, 43, 42

Triad

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



204, 3, 100



58, 118, 0



0, 124, 210

Complementary

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



204, 3, 100



3, 204, 107

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, 128, 168



204, 3, 100



0, 126, 46

Square

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



204, 3, 100



121, 104, 0



0, 129, 109



0, 110, 224

Rectangle

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



204, 3, 100



179, 69, 0



0, 129, 109



0, 126, 199

Sweetspot

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



204, 3, 100



255, 179, 215



107, 3, 204



128, 82, 104



0, 0, 0



128, 128, 128

Same Dimension

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



204, 3, 100



255, 0, 123



204, 6, 3



102, 92, 97



166, 0, 80



38, 0, 18

Inverse Universe

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



204, 3, 100



255, 0, 123



3, 201, 204



102, 92, 97



166, 0, 80



38, 0, 18

Previews

White Background



This preview shows how the RGB color 204, 3, 100 looks on a white background.

Color Contrast Check

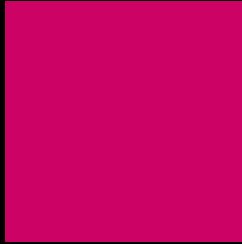
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 204, 3, 100 looks on a black 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

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

RGB 204, 3, 100 Background



This preview shows how black text looks on a background with the RGB color 204, 3, 100.



This preview shows how white text looks on a background with the RGB color 204, 3, 100.

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, 3, 100

Protanopia

94, 105, 145

Deuteranopia

121, 102, 91



Tritanopia

201, 40, 40

Trichromacy



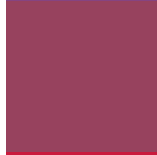
Original Color

204, 3, 100



Protanomaly

134, 68, 129



Deuteranomaly

151, 66, 94



Tritanomaly

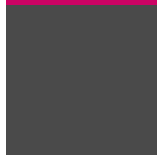
202, 27, 62

Monochromacy



Original Color

204, 3, 100



Achromatopsia

74, 74, 74



Achromatomaly

121, 48, 83

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 3, 100 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, 3, 100) looks like.

```
.text, #text, p{  
    color:rgb(204, 3, 100)  
}
```

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, 3, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 3, 100) }
```

Border

The CSS property to change the border of an element to RGB 204, 3, 100 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, 3, 100) }
```

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

```
.border{ border-color:rgb(204, 3, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 3, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 3, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 3, 100);  
box-shadow:4px 4px 4px 4px rgb(204, 3,  
100) }
```

Background

The CSS property to change the background color of an element to RGB 204, 3, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 3, 100) }
```

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

```
.background{ background-color: rgb(204, 3,  
100) }
```

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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