

Converting Colors

`RYB(204, 1, 194)`

Have a look what the booklet for
RYB(204, 1, 194) contains.

RYB(204, 1, 194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(204, 1, 194)

Conversions

Conversions Part 1

Format	Color
Hex	CC01C2
RGB	204, 1, 194
RGB Percent	80%, 0%, 76%
CMY	0.2000, 0.9961, 0.2392
CMYK	0.00, 1.00, 0.05, 0.20
HSL	303°, 99%, 40%
HSV	303°, 100%, 80%
XYZ	34.6503, 16.7541, 52.4465
YIQ	83.6990, 59.0350, 103.0590

Conversions

Conversions Part 2

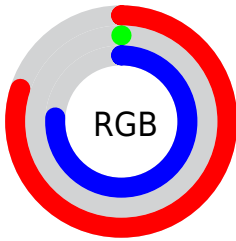
Format	Color
RYB	204, 1, 194
Decimal	13369794
CIELab	47.95, 81.54, -46.52
CIElCh	48, 93.880, 330.295
Yxy	16.7541, 0.3337, 0.1613
Android (android.graphics.Color)	4291559874 (0xFFCC01C2)
YUV	83.6990, 54.3784, 105.5040
Hunter-Lab	40.9318, 79.4763, -47.3169

Details

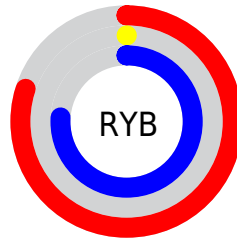
The RYB color **204, 1, 194** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **1, 194, 204**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **255, 93, 251**, and **145, 0, 140** is the 20% darker color. If you saturate the color by 10%, you get **204, 0, 194**, and if you desaturate by 10%, it is **204, 21, 195**.

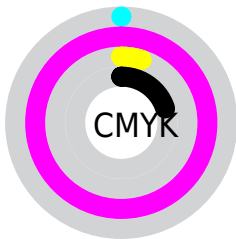
Distribution



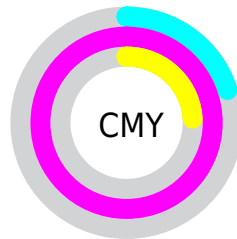
- Red (80%)
- Green (0%)
- Blue (76%)



- Red (80%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 1, 194 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 RYB color 204, 1, 194 by changing the saturation by 10% instead.

 204, 1, 194

 204, 1, 194


255, 255, 255

 174, 0, 166

 255, 93, 251

 145, 0, 140

 255, 123, 255

 116, 0, 113

 255, 153, 255

 87, 0, 88

 255, 183, 255

 61, 0, 64

 255, 213, 255

 30, 0, 41

 255, 244, 255

 0, 1, 19

 0, 0, 0

 204, 1, 194

 204, 1, 194

■ 204, 0, 194

■ 204, 21, 195

■ 204, 42, 196

■ 204, 62, 197

■ 204, 83, 198

■ 204, 103, 199

■ 204, 123, 200

■ 204, 144, 201

■ 204, 164, 202

■ 204, 185, 203

Harmonies

Analogous

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



88, 91, 254



204, 1, 194



243, 0, 117

Triad

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



204, 1, 194



32, 138, 0



0, 83, 193

Complementary

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



204, 1, 194



1, 194, 204

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, 81, 144



204, 1, 194



0, 131, 78

Square

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



204, 1, 194



198, 118, 0



0, 124, 140



0, 91, 253

Rectangle

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



204, 1, 194



243, 0, 65



0, 124, 140



0, 78, 167

Sweetspot

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



204, 1, 194



255, 179, 251



8, 1, 204



128, 82, 125



0, 0, 0



128, 128, 128

Same Dimension

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



204, 1, 194



255, 0, 242



204, 1, 96



102, 92, 101



166, 0, 158



38, 0, 36

Inverse Universe

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



204, 1, 194



255, 0, 242



1, 134, 204



102, 92, 101



166, 0, 158



38, 0, 36

Previews

White Background



This preview shows how the RYB color 204, 1, 194 looks on a white background.

Color Contrast Check

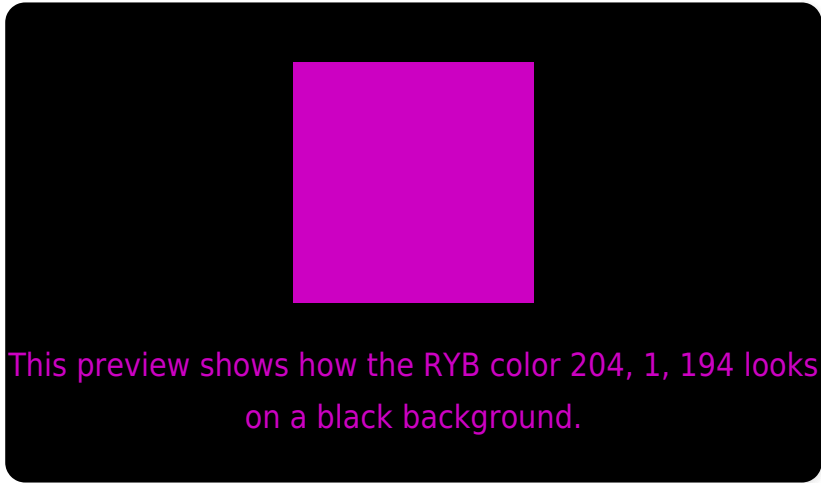
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

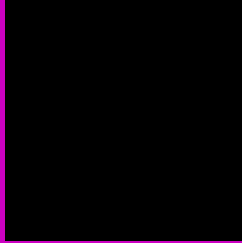
Any Text WCAG AA × Fail

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](#).

R Y B 204, 1, 194 Background



This preview shows how black text looks on a background with the R Y B color 204, 1, 194.

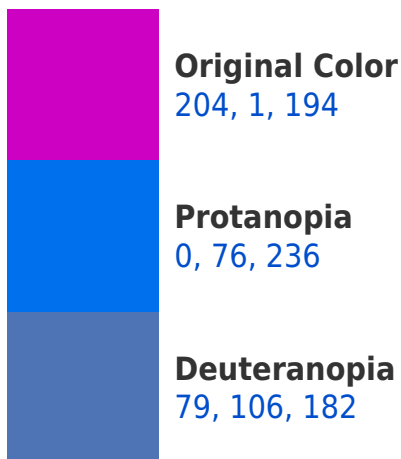


This preview shows how white text looks on a background with the R Y B color 204, 1, 194.

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
193, 76, 81

Trichromacy



Original Color

204, 1, 194



Protanomaly

74, 72, 221



Deuteranomaly

124, 74, 186



Tritanomaly

197, 49, 122

Monochromacy



Original Color

204, 1, 194



Achromatopsia

84, 84, 84



Achromatomaly

128, 54, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 1, 194 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, 1, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 1, 194)  
}
```

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, 1, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 1, 194) }
```

Border

The CSS property to change the border of an element to RYB 204, 1, 194 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, 1, 194) }
```

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

```
.border{ border-color:rgb(204, 1, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 1, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 1, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 1, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 1,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 204, 1, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 1, 194) }
```

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

```
.background{ background-color: rgb(204, 1,  
194) }
```

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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