

Converting Colors

RGB(194, 91, 171)

Have a look what the booklet for
RGB(194, 91, 171) contains.

RGB(194, 91, 171)	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

RGB(194, 91, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C25BAB
RGB	194, 91, 171
RGB Percent	76%, 36%, 67%
CMY	0.2392, 0.6431, 0.3294
CMYK	0.00, 0.53, 0.12, 0.24
HSL	313°, 46%, 56%
HSV	313°, 53%, 76%
XYZ	33.3399, 21.8918, 40.9964
YIQ	130.9170, 35.7080, 46.7160

Conversions

Conversions Part 2

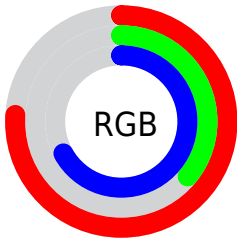
Format	Color
RYB	194, 91, 171
Decimal	12737451
CIELab	53.91, 51.28, -23.88
CIELCh	54, 56.568, 335.028
Yxy	21.8918, 0.3465, 0.2275
Android (android.graphics.Color)	4290927531 (0xFFC25BAB)
YUV	130.9170, 19.7609, 55.3238
Hunter-Lab	46.7887, 45.3125, -19.1981

Details

The RGB color **194, 91, 171** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **91, 194, 114**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **253, 145, 227**, and **138, 36, 119** is the 20% darker color. If you saturate the color by 10%, you get **194, 72, 167**, and if you desaturate by 10%, it is **194, 110, 175**.

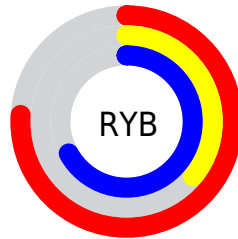
Distribution



Red (76%)

Green (36%)

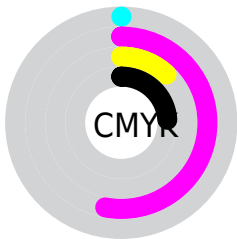
Blue (67%)



Red (76%)

Yellow (36%)

Blue (67%)

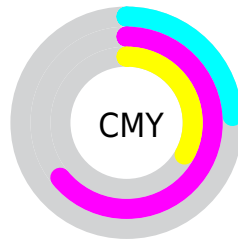


Cyan (0%)

Magenta (53%)

Yellow (12%)

Black (24%)



Cyan (24%)

Magenta (64%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 91, 171 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 194, 91, 171 by changing the saturation by 10% instead.

 194, 91, 171

255, 255, 255

 253, 145, 227


 255, 173, 255


 255, 201, 255

 255, 230, 255

 194, 91, 171

 166, 64, 144

 138, 36, 119

 111, 0, 94

 84, 0, 70

 59, 0, 47


 33, 0, 26

 0, 0, 0

 194, 91, 171

 194, 72, 167

 194, 91, 171

 194, 110, 175

194, 52, 162

194, 130, 180

194, 33, 158

194, 149, 184

194, 13, 154

194, 169, 188

194, 0, 151

194, 188, 193

194, 207, 197

194, 227, 201

194, 246, 206

194, 255, 210

Harmonies

Analogous

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



141, 112, 209



194, 91, 171



216, 81, 123

Triad

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



194, 91, 171



146, 129, 14



0, 151, 184

Complementary

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



194, 91, 171



91, 194, 114

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, 152, 136



194, 91, 171



95, 142, 41

Square

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



194, 91, 171



186, 111, 36



0, 149, 85



0, 145, 217

Rectangle

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



194, 91, 171



215, 86, 91



0, 149, 85



0, 152, 169

Sweetspot

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



194, 91, 171



252, 212, 243



113, 91, 194



128, 103, 122



0, 0, 0



128, 128, 128

Same Dimension

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



194, 91, 171



252, 91, 216



194, 91, 120



97, 87, 95



161, 0, 125



33, 0, 26

Inverse Universe

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



194, 91, 171



252, 91, 216



91, 194, 165



97, 87, 95



161, 0, 125



33, 0, 26

Previews

White Background



This preview shows how the RGB color 194, 91, 171 looks on a white background.

Color Contrast Check

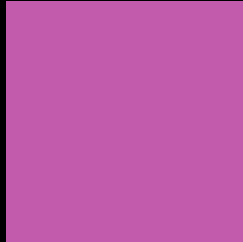
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 91, 171 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 194, 91, 171 Background



This preview shows how black text looks on a background with the RGB color 194, 91, 171.

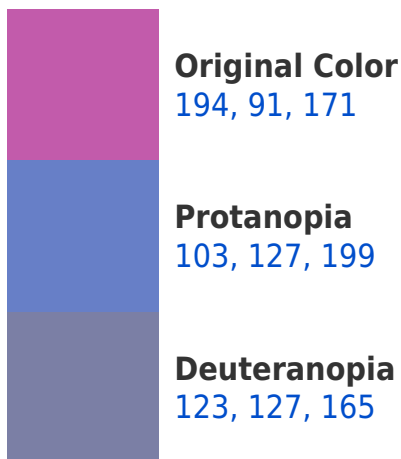



This preview shows how white text looks on a background with the RGB color 194, 91, 171.

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
188, 105, 112

Trichromacy



Original Color

194, 91, 171



Protanomaly

136, 114, 189



Deuteranomaly

149, 114, 167



Tritanomaly

190, 100, 133

Monochromacy



Original Color

194, 91, 171



Achromatopsia

131, 131, 131



Achromatomaly

154, 116, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 91, 171 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(194, 91, 171)` looks like.

```
.text, #text, p{  
    color:rgb(194, 91, 171)  
}
```

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(194, 91, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 91, 171) }
```

Border

The CSS property to change the border of an element to RGB 194, 91, 171 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(194, 91, 171) }
```

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

```
.border{ border-color:rgb(194, 91, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 91, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 91, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 91, 171);  
box-shadow:4px 4px 4px 4px rgb(194, 91,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 194, 91, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 91, 171) }
```

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

```
.background{ background-color: rgb(194, 91,  
171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor