

Converting Colors

`RYB(190, 97, 198)`

Have a look what the booklet for RYB(190, 97, 198) contains.

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Color

R_YB(190, 97, 198)

Conversions

Conversions Part 1

Format	Color
Hex	BE61C6
RGB	190, 97, 198
RGB Percent	75%, 38%, 78%
CMY	0.2549, 0.6196, 0.2235
CMYK	0.04, 0.51, 0.00, 0.22
HSL	295°, 47%, 58%
HSV	295°, 51%, 78%
XYZ	35.7029, 23.5738, 56.0945
YIQ	136.3210, 23.0070, 51.1270

Conversions

Conversions Part 2

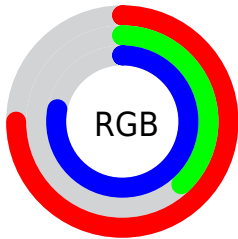
Format	Color
RYB	190, 97, 198
Decimal	12476870
CIELab	55.66, 51.89, -36.78
CIELCh	56, 63.606, 324.671
Yxy	23.5738, 0.3095, 0.2043
Android (android.graphics.Color)	4290666950 (0xFFBE61C6)
YUV	136.3210, 30.4077, 47.0765
Hunter-Lab	48.5528, 46.2912, -34.5125

Details

The RYB color **190, 97, 198** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **97, 198, 190**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **248, 151, 255**, and **134, 43, 144** is the 20% darker color. If you saturate the color by 10%, you get **188, 77, 198**, and if you desaturate by 10%, it is **192, 117, 198**.

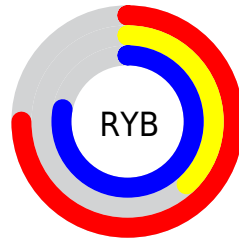
Distribution



Red (75%)

Green (38%)

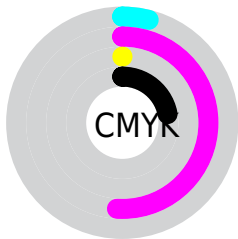
Blue (78%)



Red (75%)

Yellow (38%)

Blue (78%)

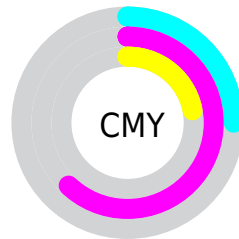


Cyan (4%)

Magenta (51%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (62%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the RYB color 190, 97, 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 RYB color 190, 97, 198 by changing the saturation by 10% instead.

 190, 97, 198

255, 255, 255

 248, 151, 255

 255, 179, 255

 255, 207, 255

 255, 236, 255

 190, 97, 198

 162, 70, 170

 134, 43, 144

 107, 9, 118

 81, 0, 93

 55, 0, 68


 31, 0, 46

 0, 1, 24

 0, 0, 0

 190, 97, 198


 190, 97, 198

 188, 77, 198


 192, 117, 198

 187, 57, 198

 193, 137, 198

 185, 38, 198

 195, 156, 198

 184, 18, 198

 196, 176, 198

 182, 0, 198

 198, 196, 198

 198, 216, 215

 198, 236, 233

 198, 255, 250

 198, 255, 249

Harmonies

Analogous

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



112, 122, 234



190, 97, 198



226, 77, 146

Triad

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



190, 97, 198



54, 168, 0



0, 84, 178

Complementary

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



190, 97, 198



97, 198, 190

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, 89, 158



190, 97, 198



8, 144, 37

Square

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



190, 97, 198



208, 145, 41



28, 125, 154



0, 91, 223

Rectangle

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



190, 97, 198



232, 77, 109



28, 125, 154



0, 80, 160

Sweetspot

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



190, 97, 198



252, 217, 255



97, 104, 198



126, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 97, 198



243, 99, 255



198, 97, 156



99, 90, 99



150, 0, 163



33, 0, 36

Inverse Universe

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



198, 97, 105



255, 99, 112



97, 168, 198



99, 90, 90



163, 0, 13



36, 0, 3

Previews

White Background



This preview shows how the RYB color 190, 97, 198 looks on a white background.

Color Contrast Check

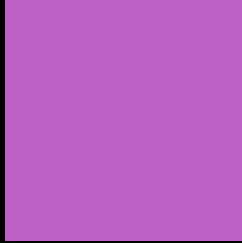
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 190, 97, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

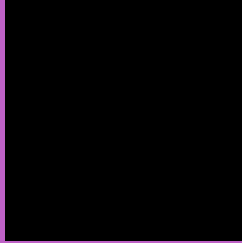
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

R Y B 190, 97, 198 Background



This preview shows how black text looks on a background with the RYB color 190, 97, 198.

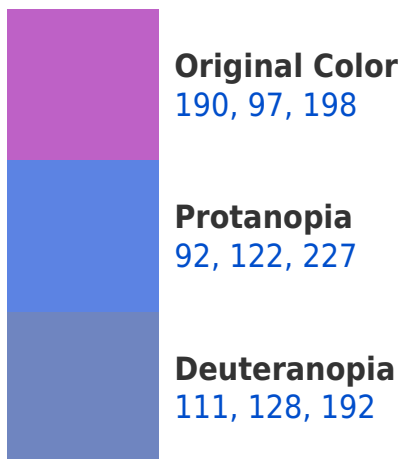



This preview shows how white text looks on a background with the RYB color 190, 97, 198.

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
180, 115, 124

Trichromacy



Original Color

190, 97, 198



Protanomaly

128, 119, 216



Deuteranomaly

140, 120, 194



Tritanomaly

184, 108, 151

Monochromacy



Original Color

190, 97, 198



Achromatopsia

136, 136, 136



Achromatomaly

156, 122, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 97, 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(190, 97, 198)` looks like.

```
.text, #text, p{  
    color:rgb(190, 97, 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(190, 97, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 97, 198) }
```

Border

The CSS property to change the border of an element to RYB 190, 97, 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(190, 97, 198) }
```

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

```
.border{ border-color:rgb(190, 97, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 97, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 97, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 97, 198);  
box-shadow:4px 4px 4px 4px rgb(190, 97,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 190, 97, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 97, 198) }
```

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

```
.background{ background-color: rgb(190, 97,  
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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