

Converting Colors

`RYB(194, 117, 175)`

Have a look what the booklet for RYB(194, 117, 175) contains.

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Color

R_YB(194, 117, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C275AF
RGB	194, 117, 175
RGB Percent	76%, 46%, 69%
CMY	0.2392, 0.5412, 0.3137
CMYK	0.00, 0.40, 0.10, 0.24
HSL	315°, 39%, 61%
HSV	315°, 40%, 76%
XYZ	36.3473, 27.2871, 43.9087
YIQ	146.6350, 27.2740, 34.3620

Conversions

Conversions Part 2

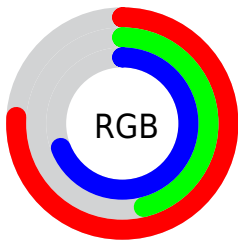
Format	Color
RYB	194, 117, 175
Decimal	12744111
CIELab	59.24, 38.62, -18.04
CIELCh	59, 42.622, 334.962
Yxy	27.2871, 0.3380, 0.2537
Android (android.graphics.Color)	4290934191 (0xFFC275AF)
YUV	146.6350, 13.9839, 41.5391
Hunter-Lab	52.2370, 32.7882, -13.2712

Details

The RYB color **194, 117, 175** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **117, 179, 194**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **252, 171, 231**, and **139, 66, 122** is the 20% darker color. If you saturate the color by 10%, you get **194, 98, 170**, and if you desaturate by 10%, it is **194, 136, 180**.

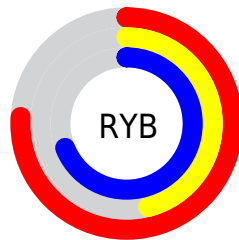
Distribution



Red (76%)

Green (46%)

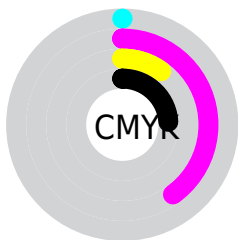
Blue (69%)



Red (76%)

Yellow (46%)

Blue (69%)

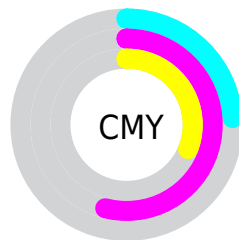


Cyan (0%)

Magenta (40%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (54%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the RYB color 194, 117, 175 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 194, 117, 175 by changing the saturation by 10% instead.

 194, 117, 175

255, 255, 255

 252, 171, 231

 255, 198, 255

 255, 227, 255

 194, 117, 175


 166, 91, 148

 139, 66, 122


 112, 41, 97

 86, 14, 74


 61, 0, 51


 41, 0, 30


 0, 0, 0

 194, 117, 175

 194, 98, 170

 194, 117, 175

 194, 136, 180

 194, 78, 165


 194, 156, 185

 194, 59, 161

 194, 175, 189

 194, 39, 156

 194, 195, 195

 194, 20, 151

 194, 210, 214

 194, 1, 146

 194, 225, 233

 194, 0, 146

 194, 241, 253

 194, 241, 255

 194, 238, 255

Harmonies

Analogous

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



154, 130, 204



194, 117, 175



212, 111, 138

Triad

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



194, 117, 175



85, 159, 66



0, 86, 184

Complementary

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



194, 117, 175



117, 179, 194

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, 85, 162



194, 117, 175



79, 153, 112

Square

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



194, 117, 175



190, 177, 75



70, 131, 159



0, 89, 210

Rectangle

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



194, 117, 175



213, 114, 113



70, 131, 159



0, 83, 173

Sweetspot

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



194, 117, 175



252, 222, 245



135, 117, 194



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



194, 117, 175



252, 131, 223



194, 117, 138



97, 87, 95



161, 0, 121



33, 0, 25

Inverse Universe

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



194, 117, 175



252, 131, 223



117, 162, 194



97, 87, 95



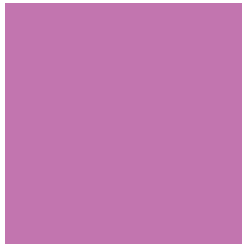
161, 0, 121



33, 0, 25

Previews

White Background



This preview shows how the RYB color 194, 117, 175 looks on a white background.

Color Contrast Check

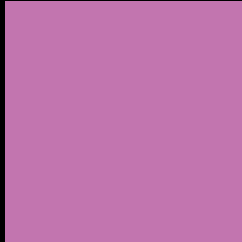
Large Text (above 18pt) WCAG AA ✓ Pass

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 194, 117, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

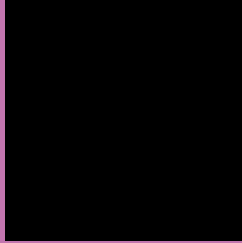
Any Text WCAG AA ✓ Pass

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 194, 117, 175 Background



This preview shows how black text looks on a background with the R Y B color 194, 117, 175.

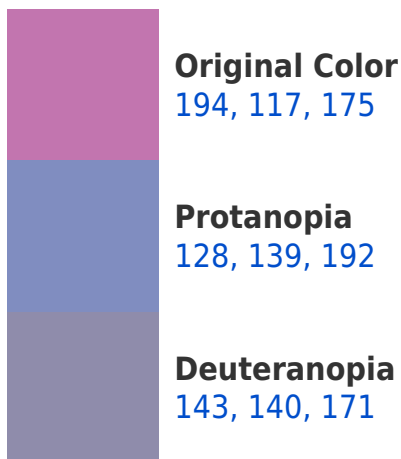


This preview shows how white text looks on a background with the R Y B color 194, 117, 175.

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
189, 125, 135

Trichromacy



Original Color

194, 117, 175



Protanomaly

152, 132, 186



Deuteranomaly

162, 132, 172



Tritanomaly

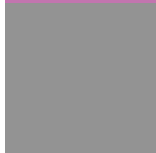
191, 122, 150

Monochromacy



Original Color

194, 117, 175



Achromatopsia

147, 147, 147



Achromatomaly

164, 136, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 117, 175 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, 117, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 117, 175)  
}
```

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, 117, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 117, 175) }
```

Border

The CSS property to change the border of an element to RYB 194, 117, 175 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, 117, 175) }
```

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

```
.border{ border-color:rgb(194, 117, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 117, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 117, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 117, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 117,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 194, 117, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 117, 175) }
```

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

```
.background{ background-color: rgb(194,  
117, 175) }
```

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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