

Converting Colors

`RYB(195, 57, 187)`

Have a look what the booklet for
RYB(195, 57, 187) contains.

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Color

R_YB(195, 57, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C339BB
RGB	195, 57, 187
RGB Percent	76%, 22%, 73%
CMY	0.2353, 0.7765, 0.2667
CMYK	0.00, 0.71, 0.04, 0.24
HSL	303°, 55%, 49%
HSV	303°, 71%, 76%
XYZ	32.9384, 18.1162, 48.7744
YIQ	113.0820, 40.5180, 69.6860

Conversions

Conversions Part 2

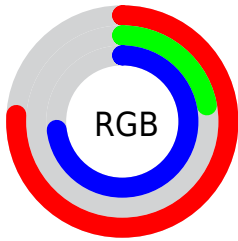
Format	Color
R _Y B	195, 57, 187
Decimal	12794299
CIE Lab	49.64, 68.29, -39.86
CIE LCh	50, 79.069, 329.726
Yxy	18.1162, 0.3299, 0.1815
Android (android.graphics.Color)	4290984379 (0xFFC339BB)
YUV	113.0820, 36.4416, 71.8421
Hunter-Lab	42.5631, 63.6507, -38.1481

Details

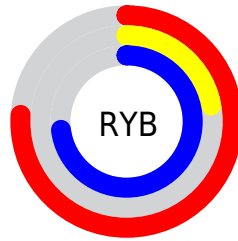
The RYB color **195, 57, 187** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **57, 187, 195**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **255, 116, 244**, and **137, 0, 133** is the 20% darker color. If you saturate the color by 10%, you get **195, 37, 186**, and if you desaturate by 10%, it is **195, 76, 188**.

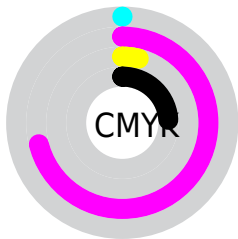
Distribution



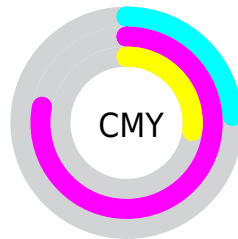
- Red (76%)
- Green (22%)
- Blue (73%)



- Red (76%)
- Yellow (22%)
- Blue (73%)



- Cyan (0%)
- Magenta (71%)
- Yellow (4%)
- Black (24%)




- Cyan (24%)
- Magenta (78%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 57, 187 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 195, 57, 187 by changing the saturation by 10% instead.

 195, 57, 187

255, 255, 255

 255, 116, 244

 255, 145, 255

 255, 174, 255

 255, 203, 255

 255, 232, 255

 195, 57, 187

 166, 17, 160

 137, 0, 133

 109, 0, 107


 82, 0, 83

 57, 0, 59

 26, 0, 36

 0, 0, 12

 0, 0, 0

 195, 57, 187

 195, 57, 187

195, 37, 186

195, 76, 188

195, 18, 185

195, 96, 189

195, 0, 184

195, 115, 190

195, 135, 192

195, 155, 193

195, 174, 194

195, 193, 195

195, 212, 213

195, 230, 232

Harmonies

Analogous

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



104, 100, 236



195, 57, 187



230, 0, 122

Triad

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



195, 57, 187



36, 144, 0



0, 81, 183

Complementary

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



195, 57, 187



57, 187, 195

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, 146



195, 57, 187



0, 133, 57

Square

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



195, 57, 187



195, 154, 0



0, 109, 142



0, 88, 235

Rectangle

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



195, 57, 187



231, 21, 78



0, 109, 142



0, 77, 162

Sweetspot

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



195, 57, 187



252, 199, 249



64, 57, 195



128, 96, 126



0, 0, 0



128, 128, 128

Same Dimension

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



195, 57, 187



252, 38, 240



195, 57, 119



97, 87, 96



161, 0, 151



33, 0, 31

Inverse Universe

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



195, 57, 187



252, 38, 240



57, 146, 195



97, 87, 96



161, 0, 151



33, 0, 31

Previews

White Background



This preview shows how the RYB color 195, 57, 187 looks on a white background.

Color Contrast Check

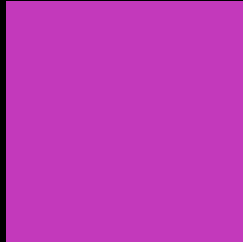
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 195, 57, 187 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](#).

RYB 195, 57, 187 Background



This preview shows how black text looks on a background with the RYB color 195, 57, 187.

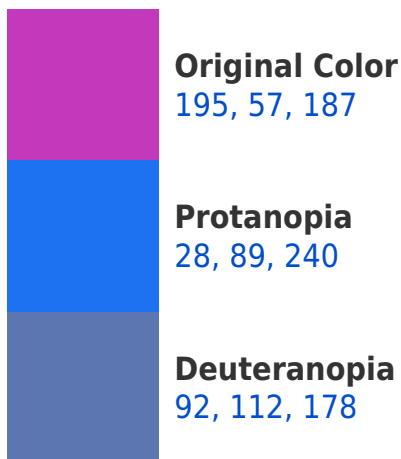


This preview shows how white text looks on a background with the RYB color 195, 57, 187.

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
185, 88, 94

Trichromacy



Original Color

195, 57, 187



Protanomaly

89, 93, 221



Deuteranomaly

129, 96, 181



Tritanomaly

189, 77, 128

Monochromacy



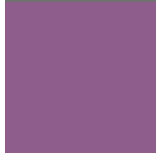
Original Color

195, 57, 187



Achromatopsia

113, 113, 113



Achromatomaly

143, 93, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 57, 187 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(195, 57, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 57, 187)  
}
```

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(195, 57, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 57, 187) }
```

Border

The CSS property to change the border of an element to RYB 195, 57, 187 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(195, 57, 187) }
```

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

```
.border{ border-color:rgb(195, 57, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 57, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 57, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 57, 187); box-shadow:4px 4px 4px 4px rgb(195, 57, 187) }
```

Background

The CSS property to change the background color of an element to RYB 195, 57, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 57, 187) }
```

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

```
.background{ background-color: rgb(195, 57,  
187) }
```

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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