

Converting Colors

`RYB(179, 87, 175)`

Have a look what the booklet for
RYB(179, 87, 175) contains.

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Color

R_YB(179, 87, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B357AF
RGB	179, 87, 175
RGB Percent	70%, 34%, 69%
CMY	0.2980, 0.6588, 0.3137
CMYK	0.00, 0.51, 0.02, 0.30
HSL	303°, 38%, 52%
HSV	303°, 51%, 70%
XYZ	29.7365, 19.4952, 42.7531
YIQ	124.5400, 26.5840, 46.8720

Conversions

Conversions Part 2

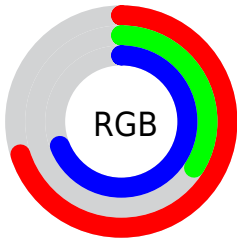
Format	Color
R_{YB}	179, 87, 175
Decimal	11753391
CIE _{Lab}	51.26, 49.51, -30.48
CIE _{LCh}	51, 58.144, 328.379
Yxy	19.4952, 0.3233, 0.2119
Android (android.graphics.Color)	4289943471 (0xFFB357AF)
YUV	124.5400, 24.8768, 47.7614
Hunter-Lab	44.1534, 42.9478, -26.5023

Details

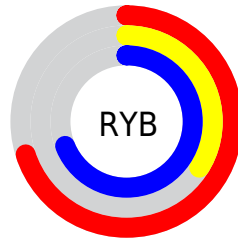
The RYB color **179, 87, 175** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **87, 175, 179**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **237, 140, 231**, and **124, 33, 122** is the 20% darker color. If you saturate the color by 10%, you get **179, 69, 174**, and if you desaturate by 10%, it is **179, 105, 176**.

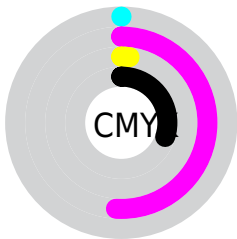
Distribution



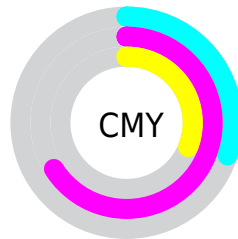
- Red (70%)
- Green (34%)
- Blue (69%)



- Red (70%)
- Yellow (34%)
- Blue (69%)



- Cyan (0%)
- Magenta (51%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 87, 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 179, 87, 175 by changing the saturation by 10% instead.



179, 87, 175



179, 87, 175

255, 255, 255



151, 61, 148



237, 140, 231



124, 33, 122



255, 168, 255



97, 0, 97



255, 196, 255



71, 0, 73



255, 225, 255



48, 0, 50

255, 254, 255



13, 0, 28



0, 0, 0



179, 87, 175



179, 87, 175



179, 69, 174



179, 105, 176

■ 179, 51, 173

■ 179, 123, 177

■ 179, 33, 173

■ 179, 141, 177

■ 179, 15, 172

■ 179, 159, 178

■ 179, 0, 171

■ 179, 177, 179

■ 179, 193, 194

■ 179, 211, 212

■ 179, 228, 230

■ 179, 245, 248

Harmonies

Analogous

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



115, 110, 210



179, 87, 175



208, 72, 127

Triad

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



179, 87, 175



36, 148, 0



0, 78, 168

Complementary

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



179, 87, 175



87, 175, 179

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, 80, 145



179, 87, 175



20, 133, 53

Square

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



179, 87, 175



186, 148, 34



1, 96, 141



0, 83, 206

Rectangle

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



179, 87, 175



211, 74, 94



1, 96, 141



0, 74, 152

Sweetspot

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



179, 87, 175



232, 197, 231



90, 87, 179



117, 96, 116



245, 245, 245



117, 117, 117

Same Dimension

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



179, 87, 175



232, 88, 226



179, 87, 130



89, 80, 89



153, 0, 146



26, 0, 24

Inverse Universe

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



179, 87, 175



232, 88, 226



87, 147, 179



89, 80, 89



153, 0, 146



26, 0, 24

Previews

White Background



This preview shows how the RYB color 179, 87, 175 looks on a white background.

Color Contrast Check

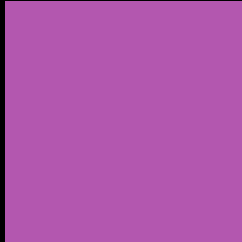
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 87, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

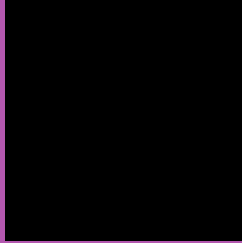
Any Text WCAG AA ✓ Pass

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](#).

RYB 179, 87, 175 Background



This preview shows how black text looks on a background with the RYB color 179, 87, 175.

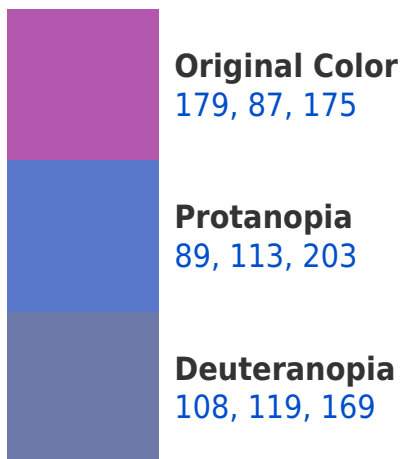



This preview shows how white text looks on a background with the RYB color 179, 87, 175.

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
171, 103, 110

Trichromacy



Original Color

179, 87, 175



Protanomaly

122, 108, 193



Deuteranomaly

134, 109, 171



Tritanomaly

174, 97, 134

Monochromacy



Original Color

179, 87, 175



Achromatopsia

125, 125, 125



Achromatomaly

145, 111, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 87, 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(179, 87, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 87, 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(179, 87, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 87, 175) }
```

Border

The CSS property to change the border of an element to RYB 179, 87, 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(179, 87, 175) }
```

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

```
.border{ border-color:rgb(179, 87, 175) }
```

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

Here you see how a box with a 4 pixel rgb(179, 87, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 87, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 87, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 87,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 179, 87, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 87, 175) }
```

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

```
.background{ background-color: rgb(179, 87,  
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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