

Converting Colors

`RYB(173, 69, 184)`

Have a look what the booklet for
RYB(173, 69, 184) contains.

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Color

`RYB(173, 69, 184)`

Conversions

Conversions Part 1

Format	Color
Hex	AD45B8
RGB	173, 69, 184
RGB Percent	68%, 27%, 72%
CMY	0.3216, 0.7294, 0.2784
CMYK	0.06, 0.63, 0.00, 0.28
HSL	294°, 45%, 50%
HSV	294°, 62%, 72%
XYZ	28.0134, 16.6012, 47.0753
YIQ	113.2060, 25.0690, 57.8130

Conversions

Conversions Part 2

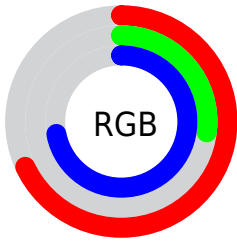
Format	Color
R_{YB}	173, 69, 184
Decimal	11355576
CIE _{Lab}	47.75, 57.95, -41.31
CIE _{LCh}	48, 71.164, 324.514
Yxy	16.6012, 0.3055, 0.1811
Android (android.graphics.Color)	4289545656 (0xFFAD45B8)
YUV	113.2060, 34.9014, 52.4393
Hunter-Lab	40.7445, 51.4227, -39.9811

Details

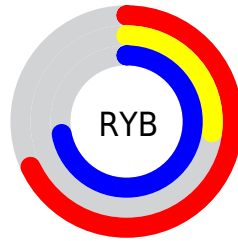
The RYB color **173, 69, 184** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **69, 184, 173**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **231, 124, 241**, and **117, 0, 130** is the 20% darker color. If you saturate the color by 10%, you get **171, 51, 184**, and if you desaturate by 10%, it is **175, 87, 184**.

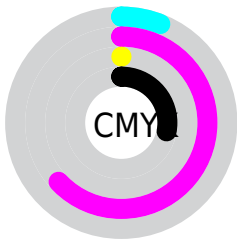
Distribution



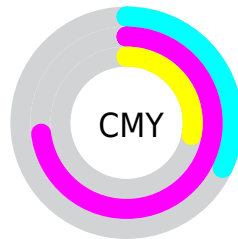
- Red (68%)
- Green (27%)
- Blue (72%)



- Red (68%)
- Yellow (27%)
- Blue (72%)



- Cyan (6%)
- Magenta (63%)
- Yellow (0%)
- Black (28%)




- Cyan (32%)
- Magenta (73%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 69, 184 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 173, 69, 184 by changing the saturation by 10% instead.

 173, 69, 184

 173, 69, 184

255, 255, 255

 145, 40, 157

 231, 124, 241

 117, 0, 130

 255, 151, 255

 90, 0, 105

 255, 179, 255

 64, 0, 80

 255, 208, 255

 40, 0, 57

 255, 237, 255

 0, 0, 34

 0, 0, 7

 0, 0, 0

 173, 69, 184

 173, 69, 184

171, 51, 184

175, 87, 184

169, 32, 184

177, 106, 184

168, 14, 184

178, 124, 184

166, 0, 184

180, 143, 184

182, 161, 184

184, 179, 184

184, 198, 197

184, 216, 213

184, 235, 230

Harmonies

Analogous

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



79, 99, 224



173, 69, 184



211, 34, 127

Triad

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



173, 69, 184



55, 147, 0



0, 75, 162

Complementary

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



173, 69, 184



69, 184, 173

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, 138



173, 69, 184



0, 124, 34

Square

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



173, 69, 184



190, 138, 0



0, 106, 134



0, 83, 211

Rectangle

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



173, 69, 184



217, 35, 87



0, 106, 134



0, 70, 142

Sweetspot

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



173, 69, 184



235, 194, 240



69, 79, 184



117, 92, 120



247, 247, 247



120, 120, 120

Same Dimension

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



173, 69, 184



223, 60, 240



184, 69, 138



91, 83, 92



141, 0, 156



25, 0, 28

Inverse Universe

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



184, 69, 80



240, 60, 77



69, 151, 184



92, 83, 83



156, 0, 15



28, 0, 3

Previews

White Background



This preview shows how the RYB color 173, 69, 184 looks on a white background.

Color Contrast Check

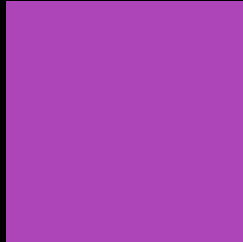
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 69, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

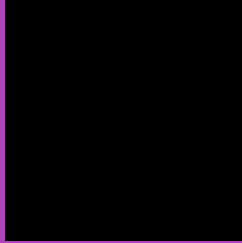
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 173, 69, 184 Background



This preview shows how black text looks on a background with the RYB color 173, 69, 184.

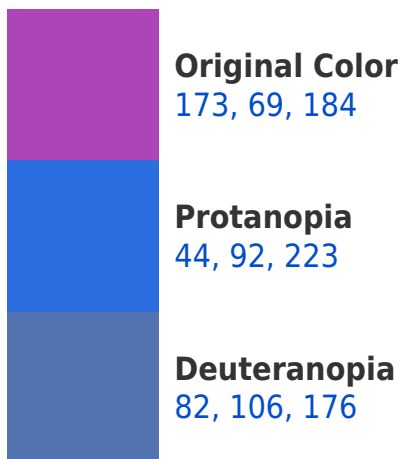


This preview shows how white text looks on a background with the RYB color 173, 69, 184.

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





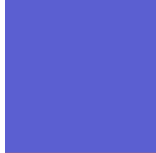
Tritanopia
162, 93, 100

Trichromacy



Original Color

173, 69, 184



Protanomaly

91, 95, 209



Deuteranomaly

115, 98, 179



Tritanomaly

166, 84, 131

Monochromacy



Original Color

173, 69, 184



Achromatopsia

113, 113, 113



Achromatomaly

135, 97, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 69, 184 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(173, 69, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 69, 184)  
}
```

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(173, 69, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 69, 184) }
```

Border

The CSS property to change the border of an element to RYB 173, 69, 184 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(173, 69, 184) }
```

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

```
.border{ border-color:rgb(173, 69, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 69, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 69, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 69, 184); box-shadow:4px 4px 4px 4px rgb(173, 69, 184) }
```

Background

The CSS property to change the background color of an element to RGB 173, 69, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 69, 184) }
```

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

```
.background{ background-color: rgb(173, 69,  
184) }
```

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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