

Converting Colors

`RYB(173, 130, 185)`

Have a look what the booklet for
RYB(173, 130, 185) contains.

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Color

R_YB(173, 130, 185)

Conversions

Conversions Part 1

Format	Color
Hex	AD82B9
RGB	173, 130, 185
RGB Percent	68%, 51%, 73%
CMY	0.3216, 0.4902, 0.2745
CMYK	0.06, 0.30, 0.00, 0.27
HSL	287°, 28%, 62%
HSV	287°, 30%, 73%
XYZ	33.9732, 28.3523, 49.5809
YIQ	149.1270, 7.9730, 26.2210

Conversions

Conversions Part 2

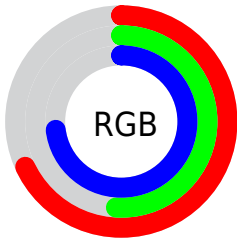
Format	Color
R _Y B	173, 130, 185
Decimal	11371193
CIE Lab	60.21, 26.37, -22.48
CIE LCh	60, 34.651, 319.554
Yxy	28.3523, 0.3036, 0.2534
Android (android.graphics.Color)	4289561273 (0xFFAD82B9)
YUV	149.1270, 17.6854, 20.9366
Hunter-Lab	53.2469, 20.7066, -17.9352

Details

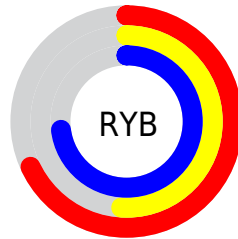
The RYB color **173, 130, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 185, 173**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **229, 183, 241**, and **120, 80, 132** is the 20% darker color. If you saturate the color by 10%, you get **169, 112, 185**, and if you desaturate by 10%, it is **177, 149, 185**.

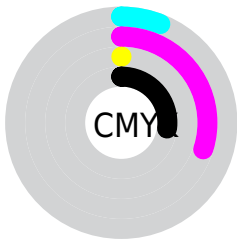
Distribution



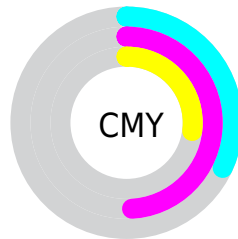
- Red (68%)
- Green (51%)
- Blue (73%)



- Red (68%)
- Yellow (51%)
- Blue (73%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 130, 185 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, 130, 185 by changing the saturation by 10% instead.

 173, 130, 185

255, 255, 255

 229, 183, 241

 255, 211, 255

 255, 240, 255

 173, 130, 185

 146, 105, 158

 120, 80, 132

 95, 56, 106

 70, 34, 82

 47, 11, 59

 29, 0, 37

 0, 1, 13

 0, 0, 0

 173, 130, 185

 173, 130, 185

169, 112, 185

177, 149, 185

165, 93, 185

181, 167, 185

161, 74, 185

185, 186, 186

157, 56, 185

185, 204, 200

153, 38, 185

185, 222, 214

149, 19, 185

185, 241, 229

145, 1, 185

185, 255, 239

145, 0, 185

185, 255, 235

185, 255, 231

Harmonies

Analogous

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



133, 140, 202



173, 130, 185



197, 122, 157

Triad

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



173, 130, 185



142, 175, 85



12, 87, 164

Complementary

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



173, 130, 185



130, 185, 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.



69, 123, 161



173, 130, 185



86, 150, 91

Square

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



173, 130, 185



196, 142, 100



104, 157, 151



12, 92, 191

Rectangle

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



173, 130, 185



204, 121, 136



104, 157, 151



36, 100, 161

Sweetspot

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



173, 130, 185



235, 218, 240



130, 141, 185



117, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



173, 130, 185



221, 153, 240



185, 130, 170



90, 83, 92



122, 0, 156



22, 0, 28

Inverse Universe

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



185, 130, 142



240, 153, 172



130, 173, 185



92, 83, 85



156, 0, 34



28, 0, 6

Previews

White Background



This preview shows how the RYB color 173, 130, 185 looks on a white background.

Color Contrast Check

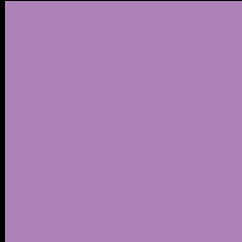
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 130, 185 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 173, 130, 185 Background



This preview shows how black text looks on a background with the RYB color 173, 130, 185.

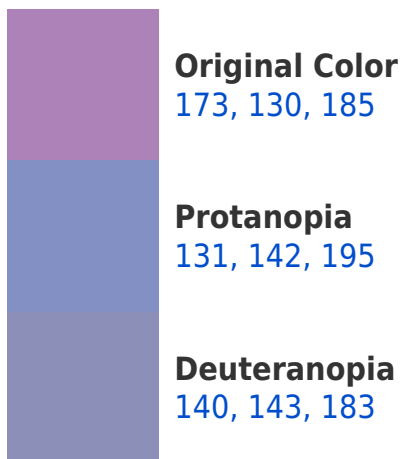



This preview shows how white text looks on a background with the RYB color 173, 130, 185.

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
168, 137, 148

Trichromacy



Original Color
173, 130, 185

Protanomaly
146, 139, 191

Deuteranomaly
152, 138, 184

Tritanomaly
170, 134, 161

Monochromacy



Original Color
173, 130, 185

Achromatopsia
149, 149, 149

Achromatomaly
158, 142, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 130, 185 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, 130, 185)` looks like.

```
.text, #text, p{  
    color:rgb(173, 130, 185)  
}
```

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, 130, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 185) }
```

Border

The CSS property to change the border of an element to RYB 173, 130, 185 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, 130, 185) }
```

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

```
.border{ border-color:rgb(173, 130, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 130, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 185);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 173, 130, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 185) }
```

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

```
.background{ background-color: rgb(173,  
130, 185) }
```

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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