

Converting Colors

`RYB(173, 139, 183)`

Have a look what the booklet for
RYB(173, 139, 183) contains.

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Color

R_YB(173, 139, 183)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AD8BB7 |
| RGB | 173, 139, 183 |
| RGB Percent | 68%, 55%, 72% |
| CMY | 0.3216, 0.4549, 0.2824 |
| CMYK | 0.05, 0.24, 0.00, 0.28 |
| HSL | 286°, 23%, 63% |
| HSV | 286°, 24%, 72% |
| XYZ | 35.0134, 30.7684, 48.8932 |
| YIQ | 154.1820, 6.1400, 20.8920 |

Conversions

Conversions Part 2

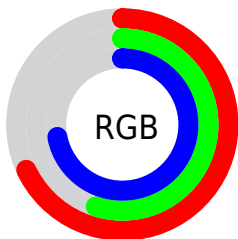
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 173, 139, 183 |
| Decimal | 11373495 |
| CIELab | 62.31, 20.88, -18.13 |
| CIElCh | 62, 27.653, 319.025 |
| Yxy | 30.7684, 0.3053, 0.2683 |
| Android (android.graphics.Color) | 4289563575 (0xFFAD8BB7) |
| YUV | 154.1820, 14.2073, 16.5034 |
| Hunter-Lab | 55.4692, 15.6021, -13.4325 |

Details

The RYB color **173, 139, 183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 183, 173**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **229, 193, 239**, and **120, 89, 130** is the 20% darker color. If you saturate the color by 10%, you get **169, 121, 183**, and if you desaturate by 10%, it is **177, 157, 183**.

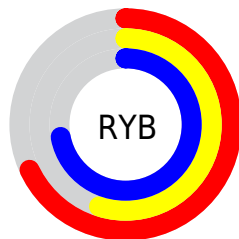
Distribution



Red (68%)

Green (55%)

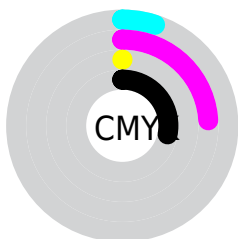
Blue (72%)



Red (68%)

Yellow (55%)

Blue (72%)

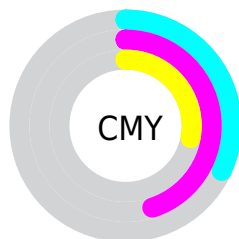


Cyan (5%)

Magenta (24%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 139, 183 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, 139, 183 by changing the saturation by 10% instead.

 173, 139, 183

255, 255, 255

 229, 193, 239

 255, 221, 255


 255, 249, 255

 173, 139, 183

 146, 113, 156

 120, 89, 130

 95, 65, 105

 71, 42, 80

 48, 21, 57

 29, 0, 36

 0, 0, 12

 0, 0, 0

 173, 139, 183

 173, 139, 183

169, 121, 183

177, 157, 183

165, 102, 183

181, 176, 183

161, 84, 183

183, 194, 192

156, 66, 183

183, 212, 205

152, 47, 183

183, 231, 220

148, 29, 183

183, 249, 234

144, 11, 183

183, 255, 236

141, 0, 183

183, 255, 232

183, 255, 228

Harmonies

Analogous

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



142, 147, 197



173, 139, 183



193, 133, 161

Triad

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



173, 139, 183



154, 176, 103



74, 119, 166

Complementary

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



173, 139, 183



139, 183, 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.



96, 137, 164



173, 139, 183



104, 154, 106

Square

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



173, 139, 183



193, 148, 115



118, 160, 154



76, 124, 187

Rectangle

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



173, 139, 183



199, 132, 144



118, 160, 154



79, 123, 164

Sweetspot

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



173, 139, 183



233, 221, 237



139, 147, 183



118, 110, 120



247, 247, 247



120, 120, 120

Same Dimension

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



173, 139, 183



222, 168, 237



183, 139, 171



90, 83, 92



120, 0, 156



22, 0, 28

Inverse Universe

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



183, 139, 149



237, 168, 184



139, 174, 183



92, 83, 85



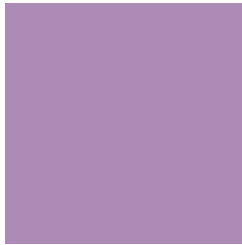
156, 0, 35



28, 0, 6

Previews

White Background



This preview shows how the RYB color 173, 139, 183 looks on a white background.

Color Contrast Check

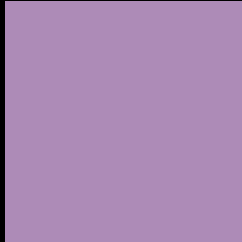
Large Text (above 18pt) WCAG AA × Fail

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, 139, 183 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 ✓ Pass

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

RYB 173, 139, 183 Background



This preview shows how black text looks on a background with the RYB color 173, 139, 183.



This preview shows how white text looks on a background with the RYB color 173, 139, 183.

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



Original Color
173, 139, 183

Protanopia
141, 148, 190

Deuteranopia
150, 147, 181



Tritanopia
169, 144, 155

Trichromacy



Original Color
173, 139, 183

Protanomaly
153, 145, 187

Deuteranomaly
158, 144, 182

Tritanomaly
170, 142, 165

Monochromacy



Original Color
173, 139, 183

Achromatopsia
154, 154, 154

Achromatomaly
161, 149, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 139, 183 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, 139, 183)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 183)  
}
```

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, 139, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 183) }
```

Border

The CSS property to change the border of an element to RYB 173, 139, 183 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, 139, 183) }
```

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

```
.border{ border-color:rgb(173, 139, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 139, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 183);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 173, 139, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 183) }
```

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

```
.background{ background-color: rgb(173,  
139, 183) }
```

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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