

Converting Colors

`RYB(173, 143, 203)`

Have a look what the booklet for
RYB(173, 143, 203) contains.

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Color

R_YB(173, 143, 203)

Conversions

Conversions Part 1

Format	Color
Hex	AD8FCB
RGB	173, 143, 203
RGB Percent	68%, 56%, 80%
CMY	0.3216, 0.4392, 0.2039
CMYK	0.15, 0.30, 0.00, 0.20
HSL	270°, 37%, 68%
HSV	270°, 30%, 80%
XYZ	37.8355, 32.8410, 60.8447
YIQ	158.8100, -1.3800, 25.0200

Conversions

Conversions Part 2

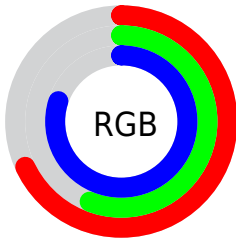
Format	Color
RYB	173, 143, 203
Decimal	11374539
CIELab	64.03, 22.85, -26.75
CIElCh	64, 35.176, 310.500
Yxy	32.8410, 0.2877, 0.2497
Android (android.graphics.Color)	4289564619 (0xFFAD8FCB)
YUV	158.8100, 21.7857, 12.4446
Hunter-Lab	57.3070, 17.5629, -22.8352

Details

The RYB color **173, 143, 203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **143, 203, 173**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **229, 197, 255**, and **120, 92, 149** is the 20% darker color. If you saturate the color by 10%, you get **163, 123, 203**, and if you desaturate by 10%, it is **183, 163, 203**.

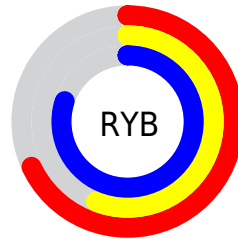
Distribution



Red (68%)

Green (56%)

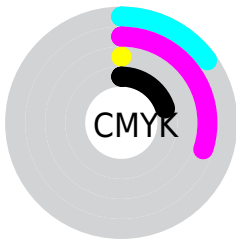
Blue (80%)



Red (68%)

Yellow (56%)

Blue (80%)

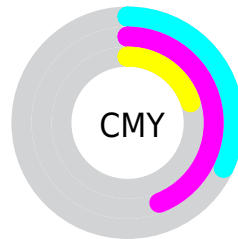


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 143, 203 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, 143, 203 by changing the saturation by 10% instead.

 173, 143, 203

255, 255, 255

 229, 197, 255

 255, 225, 255


255, 254, 255

 173, 143, 203

 146, 117, 175

 120, 92, 149

 94, 69, 123

 70, 46, 98

 46, 24, 74

 25, 0, 51

 0, 2, 29

 0, 0, 0

 173, 143, 203

 173, 143, 203

■ 163, 123, 203

■ 183, 163, 203

■ 153, 102, 203

■ 193, 184, 203

■ 143, 82, 203

■ 203, 204, 204

■ 132, 62, 203

■ 203, 224, 213

■ 122, 41, 203

■ 203, 245, 224

■ 112, 21, 203

■ 203, 255, 224

■ 102, 1, 203

■ 203, 255, 214

■ 102, 0, 203

■ 203, 255, 204

■ 203, 255, 203

Harmonies

Analogous

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



128, 148, 217



173, 143, 203



203, 134, 177

Triad

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



173, 143, 203



187, 193, 96



46, 111, 172

Complementary

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



173, 143, 203



143, 203, 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.



91, 143, 170



173, 143, 203



102, 165, 93

Square

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



173, 143, 203



212, 141, 116



106, 165, 140



20, 101, 195

Rectangle

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



173, 143, 203



214, 131, 156



106, 165, 140



62, 122, 172

Sweetspot

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



173, 143, 203



244, 232, 255



143, 163, 203



120, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 143, 203



210, 166, 255



203, 143, 203



97, 92, 102



83, 0, 166



19, 0, 38

Inverse Universe

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



203, 143, 173



255, 166, 210



143, 203, 203



102, 92, 97



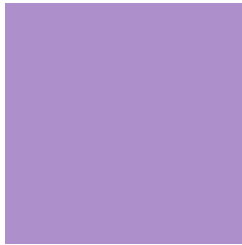
166, 0, 83



38, 0, 19

Previews

White Background



This preview shows how the RYB color 173, 143, 203 looks on a white background.

Color Contrast Check

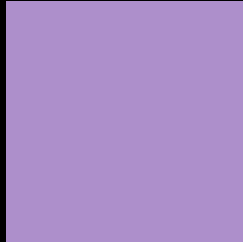
Large Text (above 18pt) WCAG AA × Fail

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, 143, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

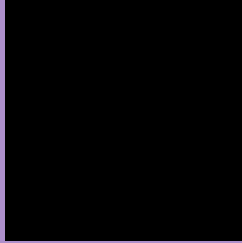
Any Text WCAG AA ✓ Pass

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, 143, 203 Background



This preview shows how black text looks on a background with the RYB color 173, 143, 203.



This preview shows how white text looks on a background with the RYB color 173, 143, 203.

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, 143, 203

Protanopia
139, 151, 211

Deuteranopia
146, 152, 201



Tritanopia
166, 151, 163

Trichromacy



Original Color
173, 143, 203

Protanomaly
151, 149, 208

Deuteranomaly
156, 149, 202

Tritanomaly
169, 148, 178

Monochromacy



Original Color
173, 143, 203

Achromatopsia
159, 159, 159

Achromatomaly
164, 153, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 143, 203 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, 143, 203)` looks like.

```
.text, #text, p{  
    color:rgb(173, 143, 203)  
}
```

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, 143, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 143, 203) }
```

Border

The CSS property to change the border of an element to RYB 173, 143, 203 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, 143, 203) }
```

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

```
.border{ border-color:rgb(173, 143, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 143, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 143, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 143, 203);  
box-shadow:4px 4px 4px 4px rgb(173, 143,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 173, 143, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 143, 203) }
```

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

```
.background{ background-color: rgb(173,  
143, 203) }
```

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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