

Converting Colors

`RYB(174, 142, 208)`

Have a look what the booklet for
RYB(174, 142, 208) contains.

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Color

R_YB(174, 142, 208)

Conversions

Conversions Part 1

Format	Color
Hex	AE8ED0
RGB	174, 142, 208
RGB Percent	68%, 56%, 82%
CMY	0.3176, 0.4431, 0.1843
CMYK	0.16, 0.32, 0.00, 0.18
HSL	269°, 41%, 69%
HSV	269°, 32%, 82%
XYZ	38.5137, 32.8987, 63.9947
YIQ	159.0920, -2.1140, 27.3100

Conversions

Conversions Part 2

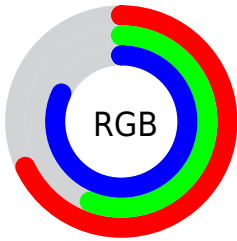
Format	Color
RYB	174, 142, 208
Decimal	11439824
CIELab	64.08, 24.83, -29.46
CIElCh	64, 38.529, 310.120
Yxy	32.8987, 0.2844, 0.2430
Android (android.graphics.Color)	4289629904 (0xFFAE8ED0)
YUV	159.0920, 24.1116, 13.0743
Hunter-Lab	57.3574, 19.4817, -26.0007

Details

The RYB color **174, 142, 208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **142, 208, 174**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **230, 196, 255**, and **121, 91, 153** is the 20% darker color. If you saturate the color by 10%, you get **163, 121, 208**, and if you desaturate by 10%, it is **185, 163, 208**.

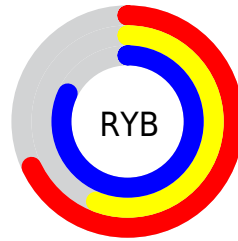
Distribution



Red (68%)

Green (56%)

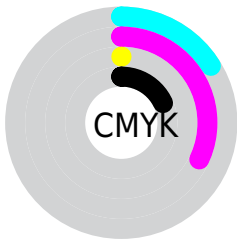
Blue (82%)



Red (68%)

Yellow (56%)

Blue (82%)

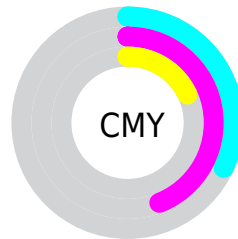


Cyan (16%)

Magenta (32%)

Yellow (0%)

Black (18%)



Cyan (32%)


Magenta (44%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 142, 208 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 174, 142, 208 by changing the saturation by 10% instead.

 174, 142, 208


255, 255, 255


 230, 196, 255

 255, 224, 255

 255, 253, 255

 174, 142, 208

 147, 116, 180

 121, 91, 153

 95, 68, 127

 70, 45, 102

 46, 23, 78

 24, 0, 54

 0, 2, 32

 0, 0, 5

 0, 0, 0

■ 174, 142, 208

■ 174, 142, 208

■ 163, 121, 208

■ 185, 163, 208

■ 153, 100, 208

■ 195, 184, 208

■ 142, 80, 208

■ 206, 204, 208

■ 131, 59, 208

■ 208, 225, 216

■ 120, 38, 208

■ 208, 246, 226

■ 110, 17, 208

■ 208, 255, 225

■ 101, 0, 208

■ 208, 255, 214

■ 208, 255, 208

Harmonies

Analogous

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



123, 147, 223



174, 142, 208



207, 131, 179

Triad

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



174, 142, 208



193, 197, 91



9, 94, 174

Complementary

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



174, 142, 208



142, 208, 174

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.



84, 141, 172



174, 142, 208



96, 166, 86

Square

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



174, 142, 208



217, 139, 113



101, 166, 139



0, 92, 199

Rectangle

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



174, 142, 208



219, 128, 156



101, 166, 139



45, 114, 173

Sweetspot

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



174, 142, 208



242, 230, 255



142, 164, 208



120, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 142, 208



205, 158, 255



207, 142, 208



99, 94, 105



82, 0, 168



20, 0, 41

Inverse Universe

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



208, 142, 176



255, 158, 208



142, 208, 207



105, 94, 99



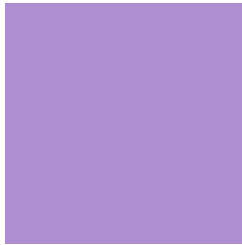
168, 0, 87



41, 0, 21

Previews

White Background



This preview shows how the RYB color 174, 142, 208 looks on a white background.

Color Contrast Check

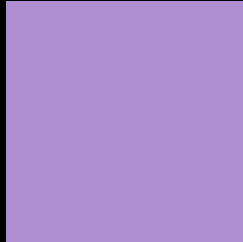
Large Text (above 18pt) WCAG AA × Fail

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 174, 142, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

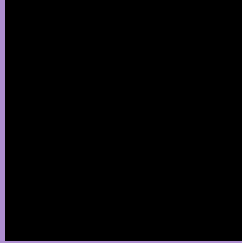
Any Text WCAG AA ✓ Pass

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 174, 142, 208 Background



This preview shows how black text looks on a background with the RYB color 174, 142, 208.



This preview shows how white text looks on a background with the RYB color 174, 142, 208.

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
174, 142, 208

Protanopia
136, 150, 217

Deuteranopia
143, 152, 206



Tritanopia
166, 151, 163

Trichromacy



Original Color

174, 142, 208

Protanomaly

150, 149, 214

Deuteranomaly

154, 149, 207

Tritanomaly

169, 148, 179

Monochromacy



Original Color

174, 142, 208

Achromatopsia

159, 159, 159

Achromatomaly

164, 153, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 142, 208 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(174, 142, 208)` looks like.

```
.text, #text, p{  
    color:rgb(174, 142, 208)  
}
```

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(174, 142, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 142, 208) }
```

Border

The CSS property to change the border of an element to RYB 174, 142, 208 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(174, 142, 208) }
```

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

```
.border{ border-color:rgb(174, 142, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 142, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 142, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 142, 208);  
box-shadow:4px 4px 4px 4px rgb(174, 142,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 174, 142, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 142, 208) }
```

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

```
.background{ background-color: rgb(174,  
142, 208) }
```

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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