

Converting Colors

`RYB(232, 174, 226)`

Have a look what the booklet for
RYB(232, 174, 226) contains.

RYB(232, 174, 226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(232, 174, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E8AEE2
RGB	232, 174, 226
RGB Percent	91%, 68%, 89%
CMY	0.0902, 0.3176, 0.1137
CMYK	0.00, 0.25, 0.03, 0.09
HSL	306°, 56%, 80%
HSV	306°, 25%, 91%
XYZ	62.1422, 52.9189, 78.8906
YIQ	197.2700, 17.8760, 28.4680

Conversions

Conversions Part 2

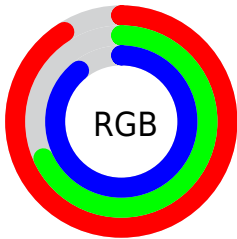
Format	Color
R _Y B	232, 174, 226
Decimal	15249122
CIE Lab	77.83, 29.54, -17.86
CIE LCh	78, 34.517, 328.837
Yxy	52.9189, 0.3204, 0.2728
Android (android.graphics.Color)	4293439202 (0xFFE8AEE2)
YUV	197.2700, 14.1639, 30.4582
Hunter-Lab	72.7454, 25.1780, -13.3768

Details

The RYB color **232, 174, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174, 227, 232**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 230, 255**, and **176, 121, 171** is the 20% darker color. If you saturate the color by 10%, you get **232, 151, 224**, and if you desaturate by 10%, it is **232, 197, 228**.

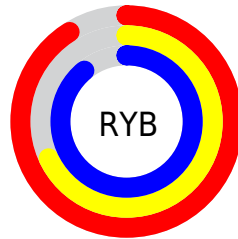
Distribution



Red (91%)

Green (68%)

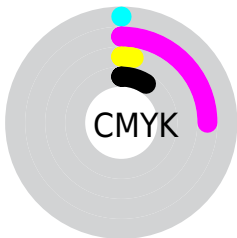
Blue (89%)



Red (91%)

Yellow (68%)

Blue (89%)

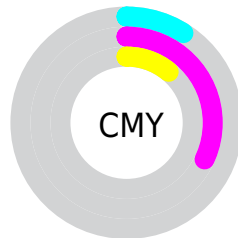


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 174, 226 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 232, 174, 226 by changing the saturation by 10% instead.

■ 232, 174, 226

255, 255, 255

■ 255, 230, 255

■ 232, 174, 226

■ 204, 147, 198

■ 176, 121, 171

■ 149, 96, 144

■ 122, 71, 118


■ 97, 47, 94


■ 72, 24, 70

■ 48, 1, 47

■ 27, 0, 27


■ 0, 0, 0

 232, 174, 226

 232, 174, 226

 232, 151, 224

 232, 197, 228

 232, 128, 221

 232, 220, 231

 232, 104, 219

 232, 243, 244

 232, 81, 216

 232, 252, 255

 232, 58, 214

 232, 250, 255

 232, 35, 212

 232, 249, 255

 232, 12, 209

 232, 248, 255

 232, 0, 208

 232, 247, 255

 232, 246, 255

Harmonies

Analogous

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



195, 185, 248



232, 174, 226



253, 168, 195

Triad

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



232, 174, 226



165, 216, 128



86, 151, 222

Complementary

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



232, 174, 226



174, 227, 232

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.



108, 165, 210



232, 174, 226



135, 200, 153

Square

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



232, 174, 226



242, 204, 139



145, 196, 207



103, 162, 246

Rectangle

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



232, 174, 226



255, 169, 173



145, 196, 207



90, 150, 212

Sweetspot

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



232, 174, 226



255, 235, 253



180, 174, 232



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



232, 174, 226



255, 179, 247



232, 174, 197



115, 103, 114



179, 0, 160



51, 0, 46

Inverse Universe

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



232, 174, 226



255, 179, 247



174, 210, 232



115, 103, 114



179, 0, 160



51, 0, 46

Previews

White Background



This preview shows how the RYB color 232, 174, 226 looks on a white background.

Color Contrast Check

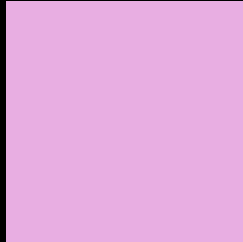
Large Text (above 18pt) WCAG AA × Fail

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 232, 174, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

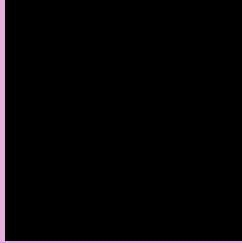
Any Text WCAG AA ✓ Pass

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](#).

RGB 232, 174, 226 Background



This preview shows how black text looks on a background with the RGB color 232, 174, 226.



This preview shows how white text looks on a background with the RGB color 232, 174, 226.

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
232, 174, 226

Protanopia
182, 190, 237

Deuteranopia
197, 188, 223



Tritanopia
228, 180, 194

Trichromacy



Original Color

232, 174, 226



Protanomaly

200, 185, 233



Deuteranomaly

210, 183, 224



Tritanomaly

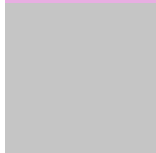
229, 178, 206

Monochromacy



Original Color

232, 174, 226



Achromatopsia

197, 197, 197



Achromatomaly

210, 189, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 174, 226 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(232, 174, 226) looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 226)  
}
```

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(232, 174, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 226) }
```

Border

The CSS property to change the border of an element to RYB 232, 174, 226 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(232, 174, 226) }
```

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

```
.border{ border-color:rgb(232, 174, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 174, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 226);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 232, 174, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 226) }
```

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

```
.background{ background-color: rgb(232,  
174, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor