

Converting Colors

`RYB(232, 176, 212)`

Have a look what the booklet for
RYB(232, 176, 212) contains.

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Color

R_YB(232, 176, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0D4
RGB	232, 176, 212
RGB Percent	91%, 69%, 83%
CMY	0.0902, 0.3098, 0.1686
CMYK	0.00, 0.24, 0.09, 0.09
HSL	321°, 55%, 80%
HSV	321°, 24%, 91%
XYZ	60.6877, 52.9599, 69.3111
YIQ	196.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

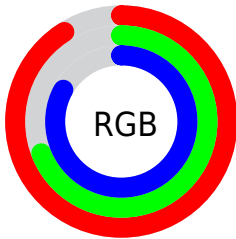
Format	Color
R _Y B	232, 176, 212
Decimal	15249620
CIE Lab	77.85, 26.02, -10.23
CIE LCh	78, 27.959, 338.530
Yxy	52.9599, 0.3317, 0.2895
Android (android.graphics.Color)	4293439700 (0xFFE8B0D4)
YUV	196.8480, 7.4699, 30.8283
Hunter-Lab	72.7736, 21.5019, -5.5275

Details

The RYB color **232, 176, 212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 217, 232**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 232, 255**, and **176, 123, 157** is the 20% darker color. If you saturate the color by 10%, you get **232, 153, 204**, and if you desaturate by 10%, it is **232, 199, 220**.

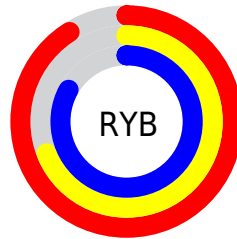
Distribution



Red (91%)

Green (69%)

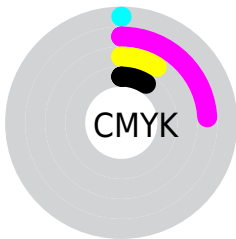
Blue (83%)



Red (91%)

Yellow (69%)

Blue (83%)

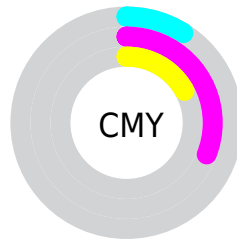


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 176, 212 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, 176, 212 by changing the saturation by 10% instead.

 232, 176, 212

 232, 176, 212

255, 255, 255

 204, 149, 184

 255, 232, 255

 176, 123, 157

 149, 98, 131

 122, 73, 106

 97, 50, 82

 72, 27, 59

 48, 4, 37

 27, 0, 16

 0, 0, 0

■ 232, 176, 212

■ 232, 176, 212

■ 232, 153, 204

■ 232, 199, 220

■ 232, 130, 195

■ 232, 222, 229

■ 232, 106, 187

■ 232, 242, 246

■ 232, 83, 179

■ 232, 247, 255

■ 232, 60, 171

■ 232, 244, 255

■ 232, 37, 162

■ 232, 244, 255

■ 232, 14, 154

■ 232, 0, 149

Harmonies

Analogous

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



206, 183, 233



232, 176, 212



245, 174, 186

Triad

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



232, 176, 212



154, 204, 141



116, 165, 224

Complementary

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



232, 176, 212



176, 217, 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.



122, 167, 207



232, 176, 212



151, 201, 177

Square

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



232, 176, 212



228, 219, 145



146, 186, 205



136, 176, 240

Rectangle

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



232, 176, 212



245, 176, 169



146, 186, 205



115, 163, 216

Sweetspot

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



232, 176, 212



255, 237, 249



196, 176, 232



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



232, 176, 212



255, 181, 229



232, 176, 184



115, 103, 111



179, 0, 115



51, 0, 33

Inverse Universe

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



232, 176, 212



255, 181, 229



176, 206, 232



115, 103, 111



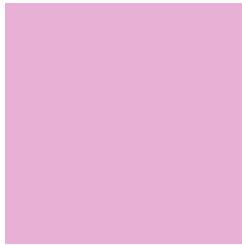
179, 0, 115



51, 0, 33

Previews

White Background



This preview shows how the RYB color 232, 176, 212 looks on a white background.

Color Contrast Check

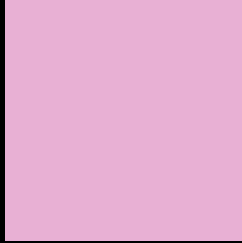
Large Text (above 18pt) WCAG AA × Fail

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, 176, 212 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 232, 176, 212 Background



This preview shows how black text looks on a background with the RYB color 232, 176, 212.



This preview shows how white text looks on a background with the RYB color 232, 176, 212.

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, 176, 212

Protanopia
187, 191, 222

Deuteranopia
204, 187, 210



Tritanopia
230, 179, 193

Trichromacy



Original Color

232, 176, 212



Protanomaly

203, 186, 218



Deuteranomaly

214, 183, 211



Tritanomaly

231, 178, 200

Monochromacy



Original Color

232, 176, 212



Achromatopsia

197, 197, 197



Achromatomaly

210, 189, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 176, 212 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, 176, 212) looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 212)  
}
```

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, 176, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 212) }
```

Border

The CSS property to change the border of an element to RYB 232, 176, 212 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, 176, 212) }
```

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

```
.border{ border-color:rgb(232, 176, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 232, 176, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 212) }
```

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

```
.background{ background-color: rgb(232,  
176, 212) }
```

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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