

Converting Colors

`RYB(232, 199, 234)`

Have a look what the booklet for RYB(232, 199, 234) contains.

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Color

R_YB(232, 199, 234)

Conversions

Conversions Part 1

Format	Color
Hex	E8C7EA
RGB	232, 199, 234
RGB Percent	91%, 78%, 92%
CMY	0.0902, 0.2196, 0.0824
CMYK	0.01, 0.15, 0.00, 0.08
HSL	297°, 45%, 85%
HSV	297°, 15%, 92%
XYZ	68.5534, 63.9432, 86.5710
YIQ	212.8570, 8.4330, 17.8810

Conversions

Conversions Part 2

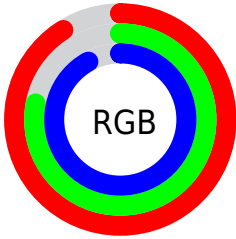
Format	Color
R _Y B	232, 199, 234
Decimal	15255530
CIE Lab	83.94, 17.64, -12.98
CIE LCh	84, 21.902, 323.659
Yxy	63.9432, 0.3129, 0.2919
Android (android.graphics.Color)	4293445610 (0xFFE8C7EA)
YUV	212.8570, 10.4235, 16.7884
Hunter-Lab	79.9645, 13.0900, -8.2133

Details

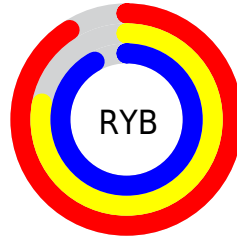
The RYB color **232, 199, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **199, 234, 232**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 145, 178** is the 20% darker color. If you saturate the color by 10%, you get **231, 176, 234**, and if you desaturate by 10%, it is **233, 222, 234**.

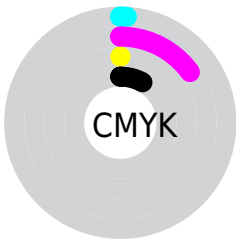
Distribution



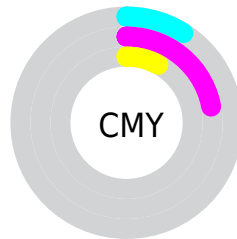
- Red (91%)
- Green (78%)
- Blue (92%)



- Red (91%)
- Yellow (78%)
- Blue (92%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 199, 234 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, 199, 234 by changing the saturation by 10% instead.

■ 232, 199, 234

255, 255, 255

■ 232, 199, 234

■ 204, 172, 206

■ 176, 145, 178

■ 149, 119, 152

■ 123, 94, 126

■ 98, 70, 101

■ 74, 48, 77

■ 51, 26, 54

■ 31, 2, 33

■ 0, 0, 6

232, 199, 234

232, 199, 234

231, 176, 234

233, 222, 234

229, 152, 234

234, 246, 245

228, 129, 234

234, 255, 253

227, 105, 234

234, 255, 252

225, 82, 234

234, 255, 250

224, 59, 234

234, 255, 249

223, 35, 234

234, 255, 248

221, 12, 234

234, 255, 246

221, 0, 234

234, 255, 245

Harmonies

Analogous

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



207, 206, 247



232, 199, 234



248, 195, 215

Triad

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



232, 199, 234



209, 230, 169



154, 188, 225

Complementary

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



232, 199, 234



199, 234, 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.



164, 197, 221



232, 199, 234



171, 213, 176

Square

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



232, 199, 234



246, 212, 177



184, 218, 218



159, 193, 242

Rectangle

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



232, 199, 234



252, 195, 200



184, 218, 218



155, 189, 221

Sweetspot

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



232, 199, 234



254, 245, 255



199, 201, 234



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 199, 234



252, 209, 255



234, 199, 219



117, 106, 117



171, 0, 181



50, 0, 54

Inverse Universe

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



234, 199, 201



255, 209, 212



199, 224, 234



117, 106, 106



181, 0, 10



54, 0, 3

Previews

White Background



This preview shows how the RYB color 232, 199, 234 looks on a white background.

Color Contrast Check

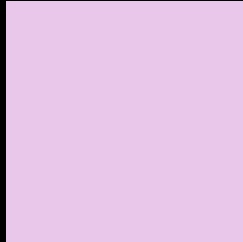
Large Text (above 18pt) WCAG AA × Fail

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, 199, 234 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, 199, 234 Background



This preview shows how black text looks on a background with the RYB color 232, 199, 234.



This preview shows how white text looks on a background with the RYB color 232, 199, 234.

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, 199, 234

Protanopia
204, 208, 240

Deuteranopia
219, 204, 233



Tritanopia
230, 202, 218

Trichromacy



Original Color
232, 199, 234

Protanomaly
214, 205, 238

Deuteranomaly
224, 202, 233

Tritanomaly
231, 201, 224

Monochromacy



Original Color
232, 199, 234

Achromatopsia
213, 213, 213

Achromatomaly
220, 208, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 199, 234 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, 199, 234) looks like.

```
.text, #text, p{  
    color:rgb(232, 199, 234)  
}
```

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, 199, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 199, 234) }
```

Border

The CSS property to change the border of an element to RYB 232, 199, 234 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, 199, 234) }
```

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

```
.border{ border-color:rgb(232, 199, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 199, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 199, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 199, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 199,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 232, 199, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 199, 234) }
```

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

```
.background{ background-color: rgb(232,  
199, 234) }
```

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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