

Converting Colors

`RYB(233, 199, 224)`

Have a look what the booklet for RYB(233, 199, 224) contains.

RYB(233, 199, 224)	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(233, 199, 224)

Conversions

Conversions Part 1

Format	Color
Hex	E9C7E0
RGB	233, 199, 224
RGB Percent	91%, 78%, 88%
CMY	0.0863, 0.2196, 0.1216
CMYK	0.00, 0.15, 0.04, 0.09
HSL	316°, 44%, 85%
HSV	316°, 15%, 91%
XYZ	67.4822, 63.5523, 79.2311
YIQ	212.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

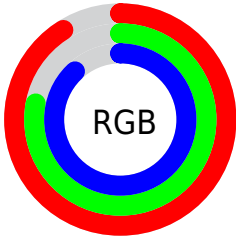
Format	Color
R _{YB}	233, 199, 224
Decimal	15321056
CIE _{Lab}	83.73, 16.17, -7.94
CIE _{LCh}	84, 18.017, 333.856
Yxy	63.5523, 0.3209, 0.3022
Android (android.graphics.Color)	4293511136 (0xFFE9C7E0)
YUV	212.0160, 5.9081, 18.4030
Hunter-Lab	79.7197, 11.5897, -3.1228

Details

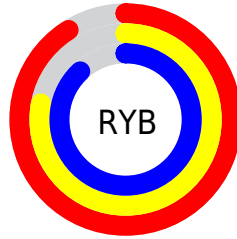
The RYB color **233, 199, 224** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **199, 226, 233**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 255, 255, and **177, 145, 169** is the 20% darker color. If you saturate the color by 10%, you get **233, 176, 218**, and if you desaturate by 10%, it is **233, 222, 230**.

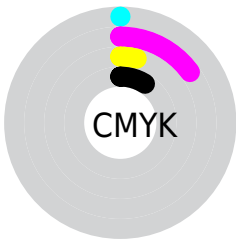
Distribution



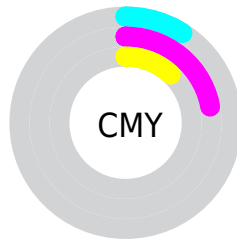
- Red (91%)
- Green (78%)
- Blue (88%)



- Red (91%)
- Yellow (78%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 233, 199, 224 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 233, 199, 224 by changing the saturation by 10% instead.


 233, 199, 224

255, 255, 255


 233, 199, 224

 205, 172, 196

 177, 145, 169

 150, 119, 142

 124, 94, 117

 99, 71, 92

 75, 48, 69

 52, 26, 46

 32, 2, 26

 0, 0, 0

233, 199, 224

233, 199, 224

233, 176, 218

233, 222, 230

233, 152, 212

233, 244, 246

233, 129, 205

233, 248, 255

233, 106, 199

233, 246, 255

233, 83, 193

233, 244, 255

233, 59, 187

233, 36, 181

233, 13, 175

233, 0, 171

Harmonies

Analogous

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



215, 204, 237



233, 199, 224



243, 197, 207

Triad

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



233, 199, 224



191, 220, 175



165, 194, 227

Complementary

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



233, 199, 224



199, 226, 233

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.



168, 196, 219



233, 199, 224



180, 213, 192

Square

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



233, 199, 224



235, 221, 179



182, 209, 217



174, 199, 239

Rectangle

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



233, 199, 224



245, 198, 196



182, 209, 217



164, 192, 222

Sweetspot

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



233, 199, 224



255, 245, 252



208, 199, 233



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



233, 199, 224



255, 209, 243



233, 199, 208



117, 106, 114



181, 0, 133



54, 0, 39

Inverse Universe

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



233, 199, 224



255, 209, 243



199, 218, 233



117, 106, 114



181, 0, 133



54, 0, 39

Previews

White Background



This preview shows how the RYB color 233, 199, 224 looks on a white background.

Color Contrast Check

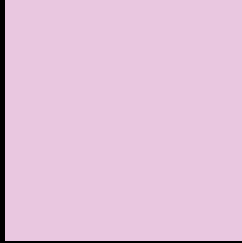
Large Text (above 18pt) WCAG AA × Fail

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 233, 199, 224 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 233, 199, 224 Background



This preview shows how black text looks on a background with the RYB color 233, 199, 224.



This preview shows how white text looks on a background with the RYB color 233, 199, 224.

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
233, 199, 224

Protanopia
207, 207, 229

Deuteranopia
223, 203, 223



Tritanopia
232, 200, 216

Trichromacy



Original Color
233, 199, 224

Protanomaly
216, 204, 227

Deuteranomaly
227, 202, 223

Tritanomaly
232, 200, 219

Monochromacy



Original Color
233, 199, 224

Achromatopsia
212, 212, 212

Achromatomaly
220, 207, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 233, 199, 224 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(233, 199, 224) looks like.

```
.text, #text, p{  
    color:rgb(233, 199, 224)  
}
```

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(233, 199, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 199, 224) }
```

Border

The CSS property to change the border of an element to RYB 233, 199, 224 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(233, 199, 224) }
```

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

```
.border{ border-color:rgb(233, 199, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 199, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 199, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 199, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 199,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 233, 199, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 199, 224) }
```

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

```
.background{ background-color: rgb(233,  
199, 224) }
```

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