

Converting Colors

`RYB(234, 198, 223)`

Have a look what the booklet for RYB(234, 198, 223) contains.

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Color

R_YB(234, 198, 223)

Conversions

Conversions Part 1

Format	Color
Hex	EAC6DF
RGB	234, 198, 223
RGB Percent	92%, 78%, 87%
CMY	0.0824, 0.2235, 0.1255
CMYK	0.00, 0.15, 0.05, 0.08
HSL	318°, 46%, 85%
HSV	318°, 15%, 92%
XYZ	67.4451, 63.2083, 78.4577
YIQ	211.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

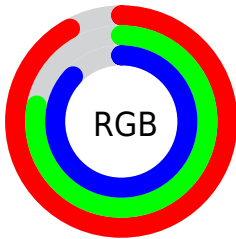
Format	Color
R_{YB}	234, 198, 223
Decimal	15386335
CIE Lab	83.55, 16.87, -7.66
CIE LCh	84, 18.527, 335.571
Yxy	63.2083, 0.3225, 0.3023
Android (android.graphics.Color)	4293576415 (0xFFEAC6DF)
YUV	211.6140, 5.6133, 19.6325
Hunter-Lab	79.5037, 12.2949, -2.8574

Details

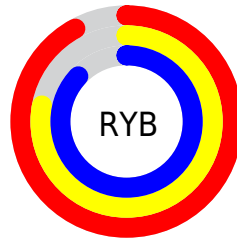
The RYB color **234, 198, 223** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **198, 226, 234**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 144, 168** is the 20% darker color. If you saturate the color by 10%, you get **234, 175, 216**, and if you desaturate by 10%, it is **234, 221, 230**.

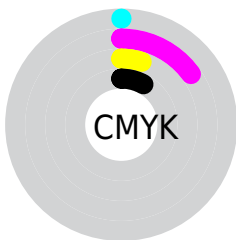
Distribution



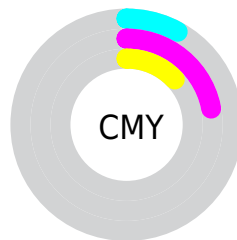
- Red (92%)
- Green (78%)
- Blue (87%)



- Red (92%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 198, 223 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 234, 198, 223 by changing the saturation by 10% instead.

■ 234, 198, 223

255, 255, 255

■ 234, 198, 223

■ 206, 171, 195

■ 178, 144, 168

■ 151, 118, 141

■ 125, 93, 116


■ 100, 70, 91


■ 76, 47, 68


■ 52, 26, 46

■ 32, 1, 25


■ 0, 0, 0

 234, 198, 223

 234, 198, 223

 234, 175, 216


 234, 221, 230

 234, 151, 209

 234, 243, 245

 234, 128, 202

 234, 248, 255

 234, 104, 194


 234, 245, 255

 234, 81, 187

 234, 245, 255

 234, 58, 180

 234, 34, 173

 234, 11, 166

 234, 0, 163

Harmonies

Analogous

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



216, 203, 237



234, 198, 223



244, 196, 206

Triad

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



234, 198, 223



189, 219, 174



163, 192, 228

Complementary

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



234, 198, 223



198, 226, 234

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.



166, 195, 219



234, 198, 223



180, 213, 194

Square

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



234, 198, 223



235, 221, 177



180, 207, 217



173, 198, 239

Rectangle

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



234, 198, 223



245, 197, 194



180, 207, 217



162, 191, 223

Sweetspot

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



234, 198, 223



255, 242, 251



209, 198, 234



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



234, 198, 223



255, 209, 241



234, 198, 205



117, 106, 114



181, 0, 126



54, 0, 37

Inverse Universe

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



234, 198, 223



255, 209, 241



198, 218, 234



117, 106, 114



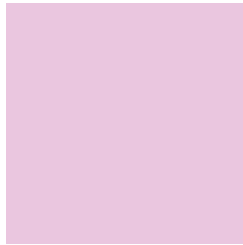
181, 0, 126



54, 0, 37

Previews

White Background



This preview shows how the RYB color 234, 198, 223 looks on a white background.

Color Contrast Check

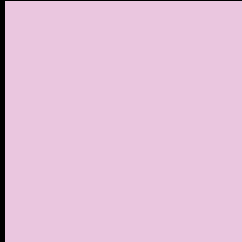
Large Text (above 18pt) WCAG AA × Fail

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 234, 198, 223 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 234, 198, 223 Background



This preview shows how black text looks on a background with the RYB color 234, 198, 223.



This preview shows how white text looks on a background with the RYB color 234, 198, 223.

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
234, 198, 223

Protanopia
206, 207, 229

Deuteranopia
222, 202, 222



Tritanopia
233, 199, 215

Trichromacy



Original Color
234, 198, 223

Protanomaly
216, 204, 227

Deuteranomaly
226, 201, 222

Tritanomaly
233, 199, 218

Monochromacy



Original Color
234, 198, 223

Achromatopsia
212, 212, 212

Achromatomaly
220, 207, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 198, 223 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(234, 198, 223) looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 223)  
}
```

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(234, 198, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 223) }
```

Border

The CSS property to change the border of an element to RYB 234, 198, 223 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(234, 198, 223) }
```

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

```
.border{ border-color:rgb(234, 198, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 198, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 223);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 234, 198, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 223) }
```

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

```
.background{ background-color: rgb(234,  
198, 223) }
```

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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