

Converting Colors

RGB(234, 193, 219)

Have a look what the booklet for
RGB(234, 193, 219) contains.

RGB(234, 193, 219)	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

RGB(234, 193, 219)

Conversions

Conversions Part 1

Format	Color
Hex	EAC1DB
RGB	234, 193, 219
RGB Percent	92%, 76%, 86%
CMY	0.0824, 0.2431, 0.1412
CMYK	0.00, 0.18, 0.06, 0.08
HSL	322°, 49%, 84%
HSV	322°, 18%, 92%
XYZ	65.7878, 60.7468, 75.2757
YIQ	208.2230, 16.0900, 16.7780

Conversions

Conversions Part 2

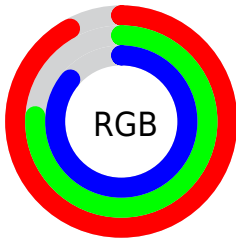
Format	Color
RYB	234, 193, 219
Decimal	15385051
CIELab	82.24, 18.83, -7.46
CIELCh	82, 20.255, 338.381
Yxy	60.7468, 0.3260, 0.3010
Android (android.graphics.Color)	4293575131 (0xFFEAC1DB)
YUV	208.2230, 5.3131, 22.6064
Hunter-Lab	77.9403, 14.2729, -2.7049

Details

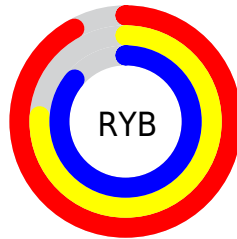
The RGB color **234, 193, 219** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **193, 234, 208**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 250, 255, and **178, 139, 164** is the 20% darker color. If you saturate the color by 10%, you get **234, 170, 210**, and if you desaturate by 10%, it is **234, 216, 228**.

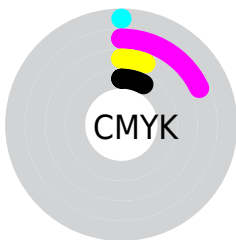
Distribution



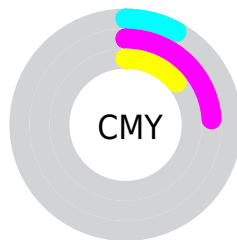
- Red (92%)
- Green (76%)
- Blue (86%)



- Red (92%)
- Yellow (76%)
- Blue (86%)



- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RGB color 234, 193, 219 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 RGB color 234, 193, 219 by changing the saturation by 10% instead.

 234, 193, 219

255, 255, 255

 255, 250, 255

 234, 193, 219

 206, 166, 191

 178, 139, 164

 151, 114, 138

 125, 89, 112


 100, 65, 88


 75, 43, 65


 52, 21, 43

 32, 0, 22


 0, 0, 0

 234, 193, 219


 234, 193, 219

 234, 170, 210

 234, 216, 228

 234, 146, 202

 234, 240, 236

 234, 123, 193


 234, 255, 245


 234, 99, 185

 234, 255, 253

 234, 76, 176

 234, 255, 255

 234, 53, 168

 234, 29, 159

 234, 6, 151

 234, 0, 148

Harmonies

Analogous

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



215, 198, 234



234, 193, 219



244, 191, 200

Triad

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



234, 193, 219



214, 205, 167



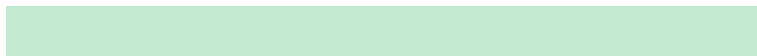
155, 214, 227

Complementary

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



234, 193, 219



193, 234, 208

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.



157, 216, 209



234, 193, 219



192, 211, 174

Square

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



234, 193, 219



232, 199, 170



172, 214, 190



167, 210, 239

Rectangle

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



234, 193, 219



244, 192, 187



172, 214, 190



154, 215, 222

Sweetspot

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



234, 193, 219



255, 242, 250



207, 193, 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, 193, 219



255, 201, 235



234, 193, 199



117, 106, 113



181, 0, 115



54, 0, 34

Inverse Universe

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



234, 193, 219



255, 201, 235



193, 234, 228



117, 106, 113



181, 0, 115



54, 0, 34

Previews

White Background



This preview shows how the RGB color 234, 193, 219 looks on a white background.

Color Contrast Check

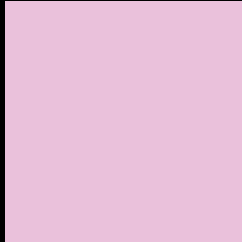
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 234, 193, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

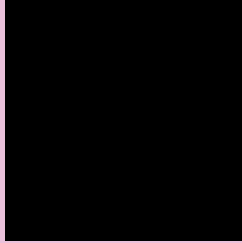
Any Text WCAG AA ✓ Pass

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 234, 193, 219 Background



This preview shows how black text looks on a background with the RGB color 234, 193, 219.




This preview shows how white text looks on a background with the RGB color 234, 193, 219.

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





Tritanopia
233, 195, 210

Trichromacy



Original Color
234, 193, 219

Protanomaly
214, 199, 223

Deuteranomaly
224, 197, 218

Tritanomaly
233, 194, 213

Monochromacy



Original Color
234, 193, 219

Achromatopsia
208, 208, 208

Achromatomaly
217, 203, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 193, 219 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, 193, 219) looks like.

```
.text, #text, p{  
    color:rgb(234, 193, 219)  
}
```

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, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 193, 219) }
```

Border

The CSS property to change the border of an element to RGB 234, 193, 219 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, 193, 219) }
```

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

```
.border{ border-color:rgb(234, 193, 219) }
```

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

Here you see how a box with a 4 pixel rgb(234, 193, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 193,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 234, 193, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 193, 219) }
```

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

```
.background{ background-color: rgb(234,  
193, 219) }
```

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