

Converting Colors

RGB(233, 207, 234)

Have a look what the booklet for
RGB(233, 207, 234) contains.

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Color

RGB(233, 207, 234)

Conversions

Conversions Part 1

Format	Color
Hex	E9CFEA
RGB	233, 207, 234
RGB Percent	91%, 81%, 92%
CMY	0.0863, 0.1882, 0.0824
CMYK	0.00, 0.12, 0.00, 0.08
HSL	298°, 39%, 86%
HSV	298°, 12%, 92%
XYZ	70.7684, 67.8898, 87.2160
YIQ	217.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

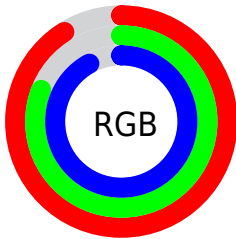
Format	Color
R _Y B	233, 207, 234
Decimal	15323114
CIE Lab	85.95, 13.73, -9.96
CIE LCh	86, 16.967, 324.041
Yxy	67.8898, 0.3133, 0.3006
Android (android.graphics.Color)	4293513194 (0xFFE9CFEA)
YUV	217.8520, 7.9610, 13.2848
Hunter-Lab	82.3953, 9.1200, -5.0823

Details

The RGB color **233, 207, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208, 234, 207**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **177, 153, 178** is the 20% darker color. If you saturate the color by 10%, you get **232, 184, 234**, and if you desaturate by 10%, it is **234, 230, 234**.

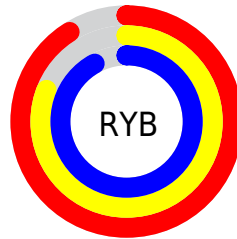
Distribution



Red (91%)

Green (81%)

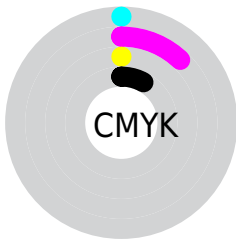
Blue (92%)



Red (91%)

Yellow (81%)

Blue (92%)

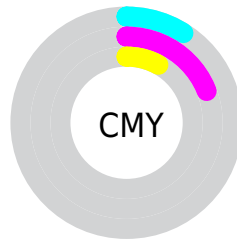


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 207, 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 RGB color 233, 207, 234 by changing the saturation by 10% instead.

■ 233, 207, 234

255, 255, 255

■ 233, 207, 234

■ 205, 179, 206

■ 177, 153, 178

■ 150, 127, 152

■ 124, 102, 126

■ 99, 77, 101

■ 75, 55, 77

■ 52, 33, 54

■ 31, 12, 33


■ 0, 0, 7

 233, 207, 234

 233, 207, 234

 232, 184, 234


 234, 230, 234

 231, 160, 234

 235, 254, 234

 230, 137, 234

 236, 255, 234

 230, 113, 234

 236, 255, 234

 229, 90, 234


 237, 255, 234

 228, 67, 234

 238, 255, 234

 227, 43, 234

 239, 255, 234

 226, 20, 234

 240, 255, 234

 225, 0, 234

 241, 255, 234

Harmonies

Analogous

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



214, 212, 244



233, 207, 234



246, 204, 219

Triad

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



233, 207, 234



231, 213, 183



173, 224, 227

Complementary

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



233, 207, 234



208, 234, 207

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.



180, 224, 211



233, 207, 234



214, 218, 186

Square

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



233, 207, 234



244, 208, 190



195, 222, 196



178, 222, 240

Rectangle

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



233, 207, 234



249, 204, 208



195, 222, 196



175, 224, 222

Sweetspot

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



233, 207, 234



255, 247, 255



207, 208, 234



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 207, 234



254, 219, 255



234, 207, 222



117, 106, 117



174, 0, 181



52, 0, 54

Inverse Universe

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



234, 207, 208



255, 219, 221



207, 234, 219



117, 106, 106



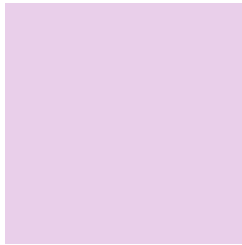
181, 0, 7



54, 0, 2

Previews

White Background



This preview shows how the RGB color 233, 207, 234 looks on a white background.

Color Contrast Check

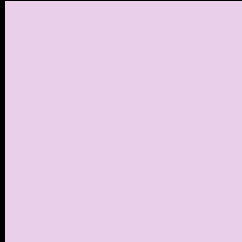
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 233, 207, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

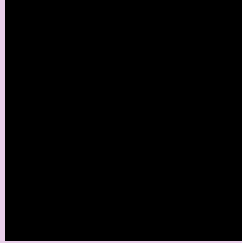
Any Text WCAG AA ✓ Pass

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](#).

RGB 233, 207, 234 Background



This preview shows how black text looks on a background with the RGB color 233, 207, 234.



This preview shows how white text looks on a background with the RGB color 233, 207, 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
233, 207, 234

Protanopia
212, 214, 238

Deuteranopia
227, 209, 234



Tritanopia
232, 209, 225

Trichromacy



Original Color
233, 207, 234

Protanomaly
220, 211, 237

Deuteranomaly
229, 208, 234

Tritanomaly
232, 208, 228

Monochromacy



Original Color
233, 207, 234

Achromatopsia
218, 218, 218

Achromatomaly
223, 214, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 207, 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(233, 207, 234)` looks like.

```
.text, #text, p{  
    color:rgb(233, 207, 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(233, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 207, 234) }
```

Border

The CSS property to change the border of an element to RGB 233, 207, 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(233, 207, 234) }
```

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

```
.border{ border-color:rgb(233, 207, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 207, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(233, 207,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 233, 207, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 207, 234) }
```

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

```
.background{ background-color: rgb(233,  
207, 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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