

Converting Colors

RGB(232, 204, 234)

Have a look what the booklet for
RGB(232, 204, 234) contains.

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Color

RGB(232, 204, 234)

Conversions

Conversions Part 1

Format	Color
Hex	E8CCEA
RGB	232, 204, 234
RGB Percent	91%, 80%, 92%
CMY	0.0902, 0.2000, 0.0824
CMYK	0.01, 0.13, 0.00, 0.08
HSL	296°, 42%, 86%
HSV	296°, 13%, 92%
XYZ	69.7229, 66.2820, 86.9608
YIQ	215.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

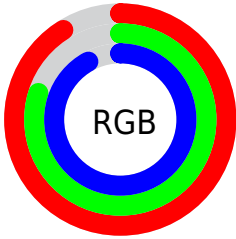
Format	Color
R _Y B	232, 204, 234
Decimal	15256810
CIE Lab	85.14, 14.99, -11.18
CIE LCh	85, 18.699, 323.278
Yxy	66.2820, 0.3127, 0.2973
Android (android.graphics.Color)	4293446890 (0xFFE8CCEA)
YUV	215.7920, 8.9765, 14.2144
Hunter-Lab	81.4138, 10.3935, -6.3400

Details

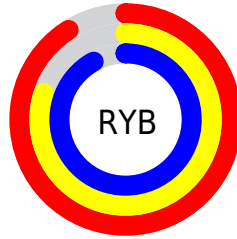
The RGB color **232, 204, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **206, 234, 204**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 150, 178** is the 20% darker color. If you saturate the color by 10%, you get **230, 181, 234**, and if you desaturate by 10%, it is **234, 227, 234**.

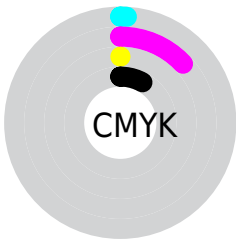
Distribution



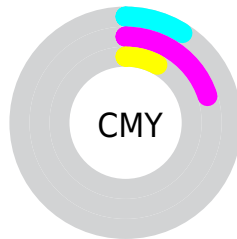
- Red (91%)
- Green (80%)
- Blue (92%)



- Red (91%)
- Yellow (80%)
- Blue (92%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 204, 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 232, 204, 234 by changing the saturation by 10% instead.

■ 232, 204, 234

255, 255, 255

■ 232, 204, 234

■ 204, 177, 206

■ 176, 150, 178

■ 149, 124, 152

■ 123, 99, 126

■ 98, 75, 101

■ 74, 52, 77


■ 51, 31, 54

■ 31, 8, 33

■ 0, 0, 7

 232, 204, 234


 232, 204, 234

 230, 181, 234


 234, 227, 234

 229, 157, 234

 235, 251, 234

 227, 134, 234

 237, 255, 234

 226, 110, 234


 238, 255, 234

 224, 87, 234


 240, 255, 234

 223, 64, 234


 241, 255, 234

 221, 40, 234

 243, 255, 234

 220, 17, 234

 244, 255, 234

 218, 0, 234

 246, 255, 234

Harmonies

Analogous

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



211, 210, 245



232, 204, 234



246, 201, 217

Triad

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



232, 204, 234



231, 210, 178



166, 223, 226

Complementary

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



232, 204, 234



206, 234, 204

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.



175, 223, 208



232, 204, 234



212, 216, 180

Square

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



232, 204, 234



245, 205, 185



192, 220, 191



171, 220, 240

Rectangle

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



232, 204, 234



250, 201, 205



192, 220, 191



168, 223, 220

Sweetspot

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



232, 204, 234



254, 245, 255



204, 206, 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, 204, 234



252, 217, 255



234, 204, 221



117, 106, 117



169, 0, 181



50, 0, 54

Inverse Universe

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



234, 204, 206



255, 217, 219



204, 234, 217



117, 106, 106



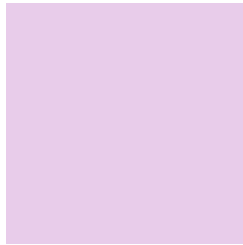
181, 0, 12



54, 0, 4

Previews

White Background



This preview shows how the RGB color 232, 204, 234 looks on a white background.

Color Contrast Check

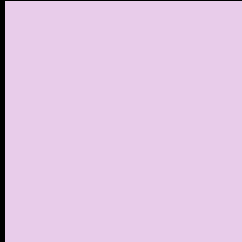
Large Text (above 18pt) WCAG AA × Fail

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 232, 204, 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 232, 204, 234 Background



This preview shows how black text looks on a background with the RGB color 232, 204, 234.



This preview shows how white text looks on a background with the RGB color 232, 204, 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, 204, 234

Protanopia
209, 211, 239

Deuteranopia
224, 207, 233



Tritanopia
230, 206, 222

Trichromacy



Original Color
232, 204, 234

Protanomaly
217, 208, 237

Deuteranomaly
227, 206, 233

Tritanomaly
231, 205, 226

Monochromacy



Original Color
232, 204, 234

Achromatopsia
216, 216, 216

Achromatomaly
222, 212, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 204, 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, 204, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 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, 204, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 234) }
```

Border

The CSS property to change the border of an element to RGB 232, 204, 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, 204, 234) }
```

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

```
.border{ border-color:rgb(232, 204, 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, 204, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 232, 204, 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, 204, 234) }
```

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

```
.background{ background-color: rgb(232,  
204, 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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