

Converting Colors

`RYB(234, 211, 237)`

Have a look what the booklet for
RYB(234, 211, 237) contains.

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Color

R_YB(234, 211, 237)

Conversions

Conversions Part 1

Format	Color
Hex	EAD3ED
RGB	234, 211, 237
RGB Percent	92%, 83%, 93%
CMY	0.0824, 0.1725, 0.0706
CMYK	0.01, 0.11, 0.00, 0.07
HSL	293°, 42%, 88%
HSV	293°, 11%, 93%
XYZ	72.5120, 70.1954, 89.8480
YIQ	220.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

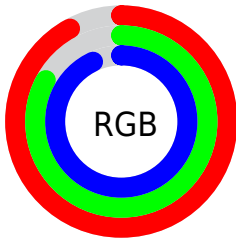
Format	Color
RYB	234, 211, 237
Decimal	15389677
CIELab	87.09, 12.51, -9.85
CIELCh	87, 15.917, 321.789
Yxy	70.1954, 0.3118, 0.3018
Android (android.graphics.Color)	4293579757 (0xFFEAD3ED)
YUV	220.8410, 7.9664, 11.5404
Hunter-Lab	83.7827, 7.8680, -4.9344

Details

The RYB color **234, 211, 237** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **211, 237, 234**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **178, 156, 181** is the 20% darker color. If you saturate the color by 10%, you get **231, 187, 237**, and if you desaturate by 10%, it is **237, 235, 237**.

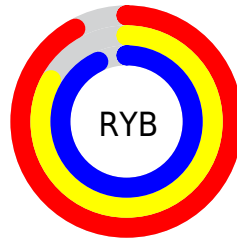
Distribution



Red (92%)

Green (83%)

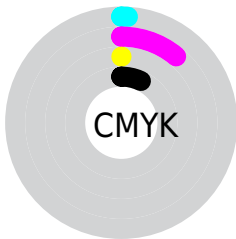
Blue (93%)



Red (92%)

Yellow (83%)

Blue (93%)

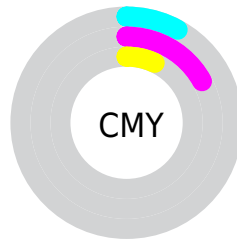


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 211, 237 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, 211, 237 by changing the saturation by 10% instead.

■ 234, 211, 237

255, 255, 255

■ 234, 211, 237

■ 206, 183, 209

■ 178, 156, 181

■ 151, 130, 154

■ 125, 105, 128

■ 100, 81, 103

■ 76, 58, 79

■ 53, 36, 56

■ 32, 16, 35

■ 0, 0, 12

234, 211, 237

234, 211, 237

231, 187, 237

237, 235, 237

229, 164, 237

237, 255, 253

226, 140, 237

237, 255, 250

223, 116, 237

237, 255, 247

220, 92, 237

237, 255, 244

218, 69, 237

237, 255, 242

215, 45, 237

237, 255, 239

212, 21, 237

237, 255, 237

210, 0, 237

Harmonies

Analogous

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



216, 216, 246



234, 211, 237



246, 208, 223

Triad

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



234, 211, 237



221, 235, 189



180, 204, 229

Complementary

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



234, 211, 237



211, 237, 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.



187, 211, 227



234, 211, 237



190, 221, 193

Square

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



234, 211, 237



246, 218, 195



199, 225, 223



183, 207, 241

Rectangle

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



234, 211, 237



250, 208, 213



199, 225, 223



181, 205, 227

Sweetspot

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



234, 211, 237



254, 247, 255



211, 214, 237



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 211, 237



251, 222, 255



237, 211, 227



116, 106, 117



160, 0, 181



47, 0, 54

Inverse Universe

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



237, 211, 214



255, 222, 226



211, 230, 237



117, 106, 107



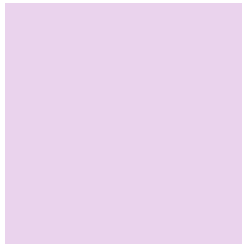
181, 0, 21



54, 0, 6

Previews

White Background



This preview shows how the RYB color 234, 211, 237 looks on a white background.

Color Contrast Check

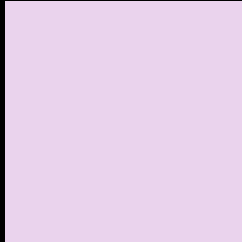
Large Text (above 18pt) WCAG AA × Fail

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, 211, 237 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

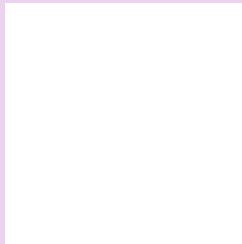
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 234, 211, 237 Background



This preview shows how black text looks on a background with the RYB color 234, 211, 237.



This preview shows how white text looks on a background with the RYB color 234, 211, 237.

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, 211, 237

Protanopia
216, 217, 241

Deuteranopia
231, 212, 237



Tritanopia
233, 212, 229

Trichromacy



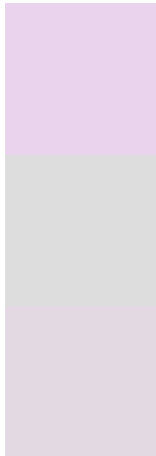
Original Color
234, 211, 237

Protanomaly
223, 215, 240

Deuteranomaly
232, 212, 237

Tritanomaly
233, 212, 232

Monochromacy



Original Color
234, 211, 237

Achromatopsia
221, 221, 221

Achromatomaly
226, 217, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 211, 237 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, 211, 237) looks like.

```
.text, #text, p{  
    color:rgb(234, 211, 237)  
}
```

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, 211, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 211, 237) }
```

Border

The CSS property to change the border of an element to RYB 234, 211, 237 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, 211, 237) }
```

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

```
.border{ border-color:rgb(234, 211, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 211, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 211, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 211, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 211,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 234, 211, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 211, 237) }
```

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

```
.background{ background-color: rgb(234,  
211, 237) }
```

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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