

Converting Colors

`RYB(237, 201, 233)`

Have a look what the booklet for
RYB(237, 201, 233) contains.

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Color

R_YB(237, 201, 233)

Conversions

Conversions Part 1

Format	Color
Hex	EDC9E9
RGB	237, 201, 233
RGB Percent	93%, 79%, 91%
CMY	0.0706, 0.2118, 0.0863
CMYK	0.00, 0.15, 0.02, 0.07
HSL	307°, 50%, 86%
HSV	307°, 15%, 93%
XYZ	70.5197, 65.6610, 86.0478
YIQ	215.4120, 11.1840, 17.5840

Conversions

Conversions Part 2

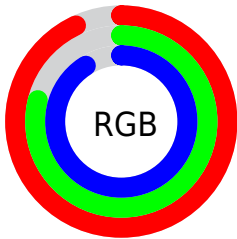
Format	Color
R_{YB}	237, 201, 233
Decimal	15583721
CIE _{Lab}	84.82, 18.07, -11.08
CIE _{LCh}	85, 21.190, 328.489
Yxy	65.6610, 0.3173, 0.2955
Android (android.graphics.Color)	4293773801 (0xFFEDC9E9)
YUV	215.4120, 8.6709, 18.9327
Hunter-Lab	81.0315, 13.5390, -6.2384

Details

The RYB color **237, 201, 233** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **201, 233, 237**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 147, 177** is the 20% darker color. If you saturate the color by 10%, you get **237, 177, 230**, and if you desaturate by 10%, it is **237, 225, 236**.

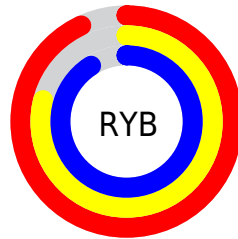
Distribution



Red (93%)

Green (79%)

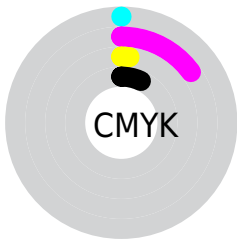
Blue (91%)



Red (93%)

Yellow (79%)

Blue (91%)

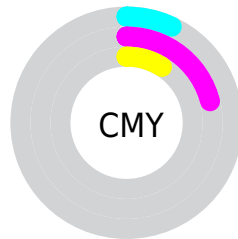


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (7%)



Cyan (7%)

Magenta (21%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 201, 233 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 237, 201, 233 by changing the saturation by 10% instead.

■ 237, 201, 233

255, 255, 255

■ 237, 201, 233

■ 209, 174, 205

■ 181, 147, 177

■ 154, 121, 151

■ 128, 96, 125

■ 102, 72, 100

■ 78, 49, 76


■ 55, 28, 53

■ 34, 5, 32


■ 0, 0, 5

 237, 201, 233

 237, 201, 233

 237, 177, 230


 237, 225, 236

 237, 154, 228

 237, 247, 248

 237, 130, 225

 237, 252, 255

 237, 106, 222

 237, 250, 255

 237, 82, 220

 237, 249, 255

 237, 59, 217

 237, 248, 255

 237, 35, 215

 237, 247, 255

 237, 11, 212

 237, 246, 255

 237, 0, 211

 237, 246, 255

Harmonies

Analogous

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



214, 207, 247



237, 201, 233



251, 198, 214

Triad

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



237, 201, 233



199, 228, 172



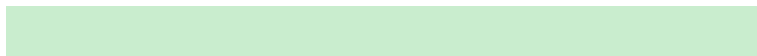
158, 192, 230

Complementary

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



237, 201, 233



201, 233, 237

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.



165, 198, 223



237, 201, 233



176, 216, 185

Square

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



237, 201, 233



245, 220, 178



184, 216, 221



166, 198, 245

Rectangle

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



237, 201, 233



254, 198, 200



184, 216, 221



159, 191, 224

Sweetspot

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



237, 201, 233



255, 242, 254



205, 201, 237



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



237, 201, 233



255, 209, 250



237, 201, 215



117, 106, 116



181, 0, 161



54, 0, 48

Inverse Universe

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



237, 201, 233



255, 209, 250



201, 223, 237



117, 106, 116



181, 0, 161



54, 0, 48

Previews

White Background



This preview shows how the RYB color 237, 201, 233 looks on a white background.

Color Contrast Check

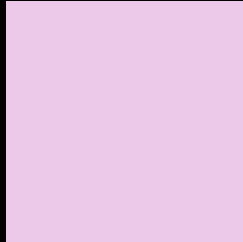
Large Text (above 18pt) WCAG AA × Fail

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 237, 201, 233 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 237, 201, 233 Background



This preview shows how black text looks on a background with the RYB color 237, 201, 233.



This preview shows how white text looks on a background with the RYB color 237, 201, 233.

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
237, 201, 233

Protanopia
208, 210, 239

Deuteranopia
223, 206, 232



Tritanopia
235, 203, 219

Trichromacy



Original Color
237, 201, 233

Protanomaly
219, 207, 237

Deuteranomaly
228, 204, 232

Tritanomaly
236, 202, 224

Monochromacy



Original Color
237, 201, 233

Achromatopsia
215, 215, 215

Achromatomaly
223, 210, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 201, 233 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(237, 201, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 233)  
}
```

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(237, 201, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 233) }
```

Border

The CSS property to change the border of an element to RYB 237, 201, 233 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(237, 201, 233) }
```

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

```
.border{ border-color:rgb(237, 201, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 201, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 237, 201, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 233) }
```

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

```
.background{ background-color: rgb(237,  
201, 233) }
```

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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