

Converting Colors

`RYB(237, 195, 235)`

Have a look what the booklet for
RYB(237, 195, 235) contains.

RYB(237, 195, 235)	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

R_YB(237, 195, 235)

Conversions

Conversions Part 1

Format	Color
Hex	EDC3EB
RGB	237, 195, 235
RGB Percent	93%, 76%, 92%
CMY	0.0706, 0.2353, 0.0784
CMYK	0.00, 0.18, 0.01, 0.07
HSL	303°, 54%, 85%
HSV	303°, 18%, 93%
XYZ	69.4356, 63.0329, 87.1042
YIQ	212.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

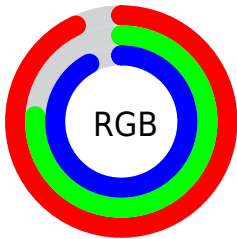
Format	Color
R _Y B	237, 195, 235
Decimal	15582187
CIE Lab	83.46, 21.61, -14.18
CIE LCh	83, 25.848, 326.730
Yxy	63.0329, 0.3162, 0.2871
Android (android.graphics.Color)	4293772267 (0xFFEDC3EB)
YUV	212.1180, 11.2808, 21.8215
Hunter-Lab	79.3933, 17.1739, -9.4731

Details

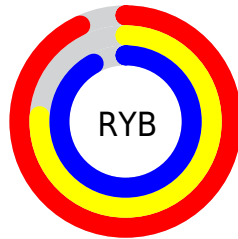
The RYB color **237, 195, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 235, 237**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 252, 255, and **181, 141, 179** is the 20% darker color. If you saturate the color by 10%, you get **237, 171, 234**, and if you desaturate by 10%, it is **237, 219, 236**.

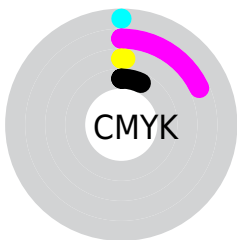
Distribution



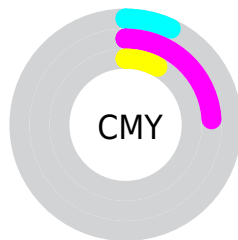
- Red (93%)
- Green (76%)
- Blue (92%)



- Red (93%)
- Yellow (76%)
- Blue (92%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 195, 235 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, 195, 235 by changing the saturation by 10% instead.


 237, 195, 235


 237, 195, 235

255, 255, 255

 209, 168, 207

 255, 252, 255

 181, 141, 179

 154, 115, 152

 127, 91, 126


 102, 67, 101

 78, 44, 77

 54, 22, 54

 34, 0, 33


 0, 0, 7

 237, 195, 235

 237, 195, 235

 237, 171, 234


 237, 219, 236

 237, 148, 233

 237, 242, 242

 237, 124, 232

 237, 254, 255

 237, 100, 230

 237, 252, 255

 237, 76, 229

 237, 252, 255

 237, 53, 228

 237, 251, 255

 237, 29, 227

 237, 251, 255

 237, 5, 226

 237, 250, 255

 237, 0, 226

 237, 249, 255

Harmonies

Analogous

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



209, 203, 251



237, 195, 235



254, 191, 212

Triad

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



237, 195, 235



197, 229, 160



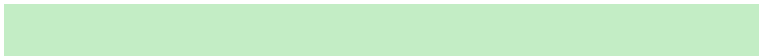
139, 182, 229

Complementary

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



237, 195, 235



195, 235, 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.



151, 192, 222



237, 195, 235



164, 213, 174

Square

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



237, 195, 235



249, 213, 168



175, 214, 219



148, 189, 248

Rectangle

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



237, 195, 235



255, 191, 195



175, 214, 219



141, 182, 222

Sweetspot

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



237, 195, 235



255, 242, 254



196, 195, 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, 195, 235



255, 201, 252



237, 195, 215



117, 106, 117



181, 0, 172



54, 0, 51

Inverse Universe

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



237, 195, 235



255, 201, 252



195, 223, 237



117, 106, 117



181, 0, 172



54, 0, 51

Previews

White Background



This preview shows how the RYB color 237, 195, 235 looks on a white background.

Color Contrast Check

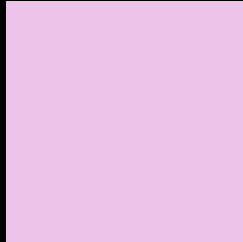
Large Text (above 18pt) WCAG AA × Fail

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, 195, 235 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, 195, 235 Background



This preview shows how black text looks on a background with the RYB color 237, 195, 235.



This preview shows how white text looks on a background with the RYB color 237, 195, 235.

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, 195, 235

Protanopia
201, 205, 242

Deuteranopia
217, 203, 234



Tritanopia
234, 199, 214

Trichromacy



Original Color
237, 195, 235

Protanomaly
214, 202, 239

Deuteranomaly
224, 200, 234

Tritanomaly
235, 198, 222

Monochromacy



Original Color
237, 195, 235

Achromatopsia
212, 212, 212

Achromatomaly
221, 206, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 195, 235 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, 195, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 235)  
}
```

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, 195, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 235) }
```

Border

The CSS property to change the border of an element to RYB 237, 195, 235 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, 195, 235) }
```

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

```
.border{ border-color:rgb(237, 195, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 237, 195, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 235) }
```

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

```
.background{ background-color: rgb(237,  
195, 235) }
```

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