

Converting Colors

`RYB(237, 190, 222)`

Have a look what the booklet for RYB(237, 190, 222) contains.

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Color

R_YB(237, 190, 222)

Conversions

Conversions Part 1

Format	Color
Hex	EDBEDE
RGB	237, 190, 222
RGB Percent	93%, 75%, 87%
CMY	0.0706, 0.2549, 0.1294
CMYK	0.00, 0.20, 0.06, 0.07
HSL	319°, 57%, 84%
HSV	319°, 20%, 93%
XYZ	66.5233, 60.1054, 77.2026
YIQ	207.7010, 17.7400, 19.9160

Conversions

Conversions Part 2

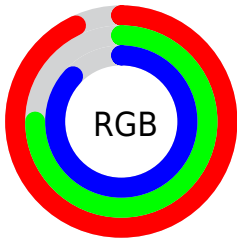
Format	Color
R _Y B	237, 190, 222
Decimal	15580894
CIE Lab	81.90, 21.97, -9.56
CIE LCh	82, 23.956, 336.489
Yxy	60.1054, 0.3264, 0.2949
Android (android.graphics.Color)	4293770974 (0xFFEDBEDE)
YUV	207.7010, 7.0494, 25.6952
Hunter-Lab	77.5276, 17.4902, -4.7720

Details

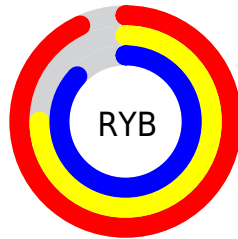
The RYB color **237, 190, 222** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **190, 226, 237**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 247, 255**, and **181, 136, 167** is the 20% darker color. If you saturate the color by 10%, you get **237, 166, 214**, and if you desaturate by 10%, it is **237, 214, 230**.

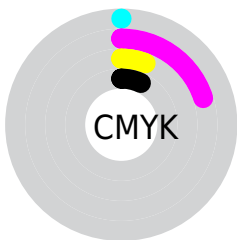
Distribution



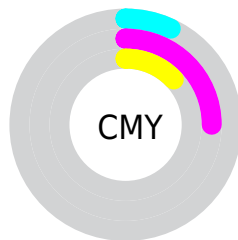
- Red (93%)
- Green (75%)
- Blue (87%)



- Red (93%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (7%)




- Cyan (7%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 190, 222 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, 190, 222 by changing the saturation by 10% instead.


 237, 190, 222

 237, 190, 222

255, 255, 255

 209, 163, 194

 255, 247, 255

 181, 136, 167

 154, 111, 141

 127, 86, 115


 102, 62, 90


 77, 40, 67

 54, 18, 45

 34, 0, 25


 0, 0, 0

 237, 190, 222

 237, 190, 222

 237, 166, 214

 237, 214, 230

 237, 143, 207

 237, 237, 237

 237, 119, 199

 237, 249, 255

 237, 95, 192

 237, 247, 255

 237, 71, 184

 237, 246, 255

 237, 48, 177

 237, 24, 169

 237, 0, 161

Harmonies

Analogous

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



214, 196, 240



237, 190, 222



249, 188, 199

Triad

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



237, 190, 222



174, 216, 159



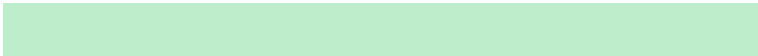
142, 182, 229

Complementary

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



237, 190, 222



190, 226, 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.



146, 184, 217



237, 190, 222



167, 210, 186

Square

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



237, 190, 222



236, 223, 163



166, 201, 215



156, 190, 244

Rectangle

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



237, 190, 222



250, 189, 185



166, 201, 215



141, 180, 223

Sweetspot

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



237, 190, 222



255, 240, 250



205, 190, 237



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



237, 190, 222



255, 194, 235



237, 190, 199



117, 106, 114



181, 0, 123



54, 0, 36

Inverse Universe

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



237, 190, 222



255, 194, 235



190, 216, 237



117, 106, 114



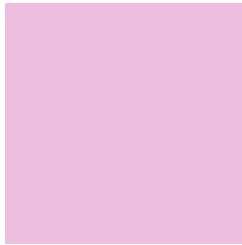
181, 0, 123



54, 0, 36

Previews

White Background



This preview shows how the RYB color 237, 190, 222 looks on a white background.

Color Contrast Check

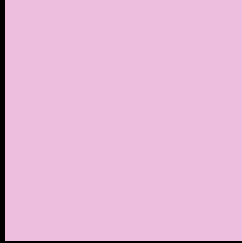
Large Text (above 18pt) WCAG AA × Fail

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, 190, 222 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, 190, 222 Background



This preview shows how black text looks on a background with the RYB color 237, 190, 222.



This preview shows how white text looks on a background with the RYB color 237, 190, 222.

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, 190, 222

Protanopia
200, 202, 230

Deuteranopia
216, 198, 220



Tritanopia
235, 192, 207

Trichromacy



Original Color

237, 190, 222

Protanomaly

213, 198, 227

Deuteranomaly

224, 195, 221

Tritanomaly

236, 191, 212

Monochromacy



Original Color

237, 190, 222

Achromatopsia

208, 208, 208

Achromatomaly

219, 201, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 190, 222 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, 190, 222) looks like.

```
.text, #text, p{  
    color:rgb(237, 190, 222)  
}
```

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, 190, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 190, 222) }
```

Border

The CSS property to change the border of an element to RYB 237, 190, 222 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, 190, 222) }
```

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

```
.border{ border-color:rgb(237, 190, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 190, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 190, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 190, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 190,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 237, 190, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 190, 222) }
```

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

```
.background{ background-color: rgb(237,  
190, 222) }
```

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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