

Converting Colors

`RYB(237, 191, 225)`

Have a look what the booklet for RYB(237, 191, 225) contains.

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Color

R_YB(237, 191, 225)

Conversions

Conversions Part 1

Format	Color
Hex	EDBFE1
RGB	237, 191, 225
RGB Percent	93%, 75%, 88%
CMY	0.0706, 0.2510, 0.1176
CMYK	0.00, 0.19, 0.05, 0.07
HSL	316°, 56%, 84%
HSV	316°, 19%, 93%
XYZ	67.1465, 60.7024, 79.4119
YIQ	208.6300, 16.5020, 20.3260

Conversions

Conversions Part 2

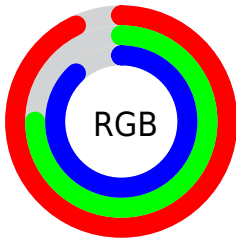
Format	Color
R_{YB}	237, 191, 225
Decimal	15581153
CIE _{Lab}	82.22, 21.96, -10.69
CIE _{LCh}	82, 24.419, 334.051
Yxy	60.7024, 0.3240, 0.2929
Android (android.graphics.Color)	4293771233 (0xFFEDBFE1)
YUV	208.6300, 8.0704, 24.8805
Hunter-Lab	77.9117, 17.4907, -5.8934

Details

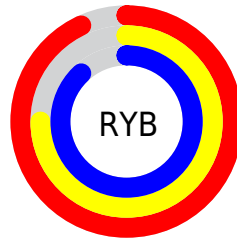
The RYB color **237, 191, 225** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **191, 227, 237**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 248, 255**, and **181, 137, 170** is the 20% darker color. If you saturate the color by 10%, you get **237, 167, 219**, and if you desaturate by 10%, it is **237, 215, 231**.

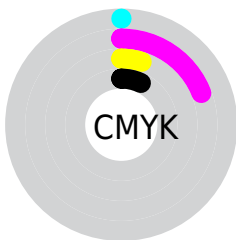
Distribution



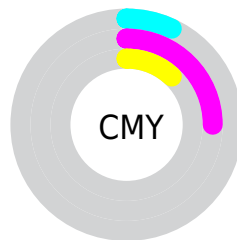
- Red (93%)
- Green (75%)
- Blue (88%)



- Red (93%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 191, 225 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, 191, 225 by changing the saturation by 10% instead.


 237, 191, 225


 237, 191, 225

255, 255, 255

 209, 164, 197

 255, 248, 255


 181, 137, 170

 154, 112, 143

 127, 87, 118

 102, 63, 93


 77, 40, 69


 54, 19, 47

 34, 0, 27


 0, 0, 0

 237, 191, 225

 237, 191, 225

 237, 167, 219

 237, 215, 231

 237, 144, 213

 237, 238, 238

 237, 120, 206

 237, 250, 255

 237, 96, 200

 237, 247, 255

 237, 73, 194

 237, 246, 255

 237, 49, 188

 237, 25, 182

 237, 1, 176

 237, 0, 175

Harmonies

Analogous

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



212, 198, 242



237, 191, 225



250, 188, 202

Triad

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



237, 191, 225



179, 219, 159



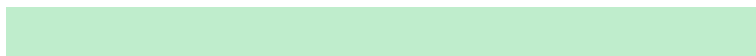
141, 182, 229

Complementary

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



237, 191, 225



191, 227, 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.



147, 185, 218



237, 191, 225



166, 211, 184

Square

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



237, 191, 225



239, 220, 164



168, 204, 216



154, 189, 245

Rectangle

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



237, 191, 225



252, 189, 187



168, 204, 216



141, 180, 222

Sweetspot

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



237, 191, 225



255, 240, 251



203, 191, 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, 191, 225



255, 196, 240



237, 191, 203



117, 106, 114



181, 0, 134



54, 0, 40

Inverse Universe

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



237, 191, 225



255, 196, 240



191, 217, 237



117, 106, 114



181, 0, 134



54, 0, 40

Previews

White Background



This preview shows how the RYB color 237, 191, 225 looks on a white background.

Color Contrast Check

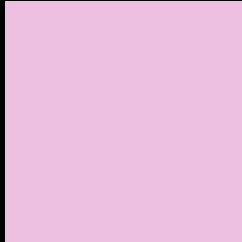
Large Text (above 18pt) WCAG AA × Fail

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, 191, 225 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, 191, 225 Background



This preview shows how black text looks on a background with the RYB color 237, 191, 225.



This preview shows how white text looks on a background with the RYB color 237, 191, 225.

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, 191, 225

Protanopia
200, 203, 233

Deuteranopia
216, 199, 223



Tritanopia
235, 194, 209

Trichromacy



Original Color
237, 191, 225

Protanomaly
213, 199, 230

Deuteranomaly
224, 196, 224

Tritanomaly
236, 193, 215

Monochromacy



Original Color
237, 191, 225

Achromatopsia
209, 209, 209

Achromatomaly
219, 202, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 191, 225 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, 191, 225) looks like.

```
.text, #text, p{  
    color:rgb(237, 191, 225)  
}
```

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, 191, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 191, 225) }
```

Border

The CSS property to change the border of an element to RYB 237, 191, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

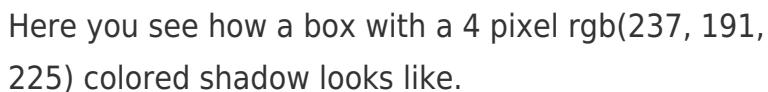
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 191, 225) }
```

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

```
.border{ border-color:rgb(237, 191, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 191, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 191, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 191, 225); box-shadow:4px 4px 4px 4px rgb(237, 191, 225) }
```

Background

The CSS property to change the background color of an element to RYB 237, 191, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 191, 225) }
```

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

```
.background{ background-color: rgb(237,  
191, 225) }
```

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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