

Converting Colors

`RYB(231, 197, 241)`

Have a look what the booklet for
RYB(231, 197, 241) contains.

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Color

R_YB(231, 197, 241)

Conversions

Conversions Part 1

Format	Color
Hex	E7C5F1
RGB	231, 197, 241
RGB Percent	91%, 77%, 95%
CMY	0.0941, 0.2275, 0.0549
CMYK	0.04, 0.18, 0.00, 0.05
HSL	286°, 61%, 86%
HSV	286°, 18%, 95%
XYZ	68.7984, 63.2723, 91.8058
YIQ	212.1820, 6.1400, 20.8920

Conversions

Conversions Part 2

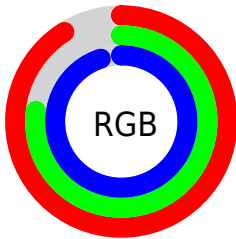
Format	Color
R _Y B	231, 197, 241
Decimal	15189489
CIE Lab	83.59, 19.69, -17.25
CIE LCh	84, 26.172, 318.783
Yxy	63.2723, 0.3073, 0.2826
Android (android.graphics.Color)	4293379569 (0xFFE7C5F1)
YUV	212.1820, 14.2073, 16.5034
Hunter-Lab	79.5439, 15.1849, -12.7490

Details

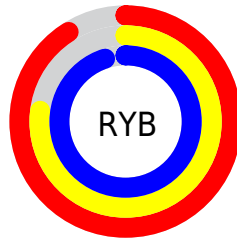
The RYB color **231, 197, 241** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **197, 241, 231**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 254, 255, and **175, 143, 185** is the 20% darker color. If you saturate the color by 10%, you get **226, 173, 241**, and if you desaturate by 10%, it is **236, 221, 241**.

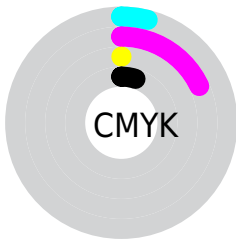
Distribution



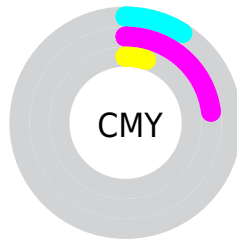
- Red (91%)
- Green (77%)
- Blue (95%)



- Red (91%)
- Yellow (77%)
- Blue (95%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)





- Cyan (9%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 197, 241 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 231, 197, 241 by changing the saturation by 10% instead.

 231, 197, 241


 231, 197, 241

255, 255, 255

 203, 170, 213

255, 254, 255

 175, 143, 185

 148, 117, 158

 122, 92, 132


 97, 69, 106


 73, 46, 82


 50, 24, 59

 30, 0, 37


 0, 1, 14

 231, 197, 241

 231, 197, 241

 226, 173, 241

 236, 221, 241

 220, 149, 241


 241, 245, 244

 215, 125, 241


 241, 255, 249


 209, 101, 241

 241, 255, 243

 204, 77, 241

 241, 255, 241

 198, 52, 241

 193, 28, 241

 187, 4, 241

 186, 0, 241

Harmonies

Analogous

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



200, 205, 255



231, 197, 241



252, 192, 219

Triad

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



231, 197, 241



215, 236, 160



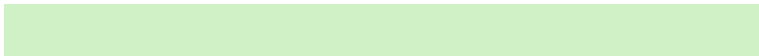
140, 181, 223

Complementary

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



231, 197, 241



197, 241, 231

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.



156, 196, 222



231, 197, 241



161, 212, 162

Square

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



231, 197, 241



253, 206, 172



175, 218, 211



143, 187, 245

Rectangle

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



231, 197, 241



255, 191, 202



175, 218, 211



143, 184, 222

Sweetspot

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



231, 197, 241



252, 242, 255



197, 205, 241



126, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



231, 197, 241



242, 199, 255



241, 197, 229



117, 108, 120



142, 0, 184



43, 0, 56

Inverse Universe

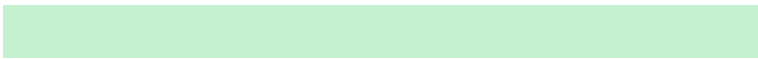
The Inverse Universe completely reimagines the original color for something new.



241, 197, 207



255, 199, 212



197, 232, 241



120, 108, 111



184, 0, 42



56, 0, 13

Previews

White Background



This preview shows how the RYB color 231, 197, 241 looks on a white background.

Color Contrast Check

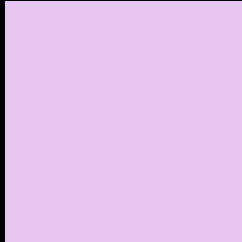
Large Text (above 18pt) WCAG AA × Fail

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 231, 197, 241 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 231, 197, 241 Background



This preview shows how black text looks on a background with the RYB color 231, 197, 241.



This preview shows how white text looks on a background with the RYB color 231, 197, 241.

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
231, 197, 241

Protanopia
200, 206, 247

Deuteranopia
214, 203, 240



Tritanopia
227, 201, 217

Trichromacy



Original Color
231, 197, 241

Protanomaly
211, 203, 245

Deuteranomaly
220, 201, 240

Tritanomaly
228, 200, 226

Monochromacy



Original Color
231, 197, 241

Achromatopsia
212, 212, 212

Achromatomaly
219, 207, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 197, 241 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(231, 197, 241) looks like.

```
.text, #text, p{  
    color:rgb(231, 197, 241)  
}
```

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(231, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 197, 241) }
```

Border

The CSS property to change the border of an element to RYB 231, 197, 241 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(231, 197, 241) }
```

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

```
.border{ border-color:rgb(231, 197, 241) }
```

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

Here you see how a box with a 4 pixel rgb(231, 197, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(231, 197,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 231, 197, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 197, 241) }
```

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

```
.background{ background-color: rgb(231,  
197, 241) }
```

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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