

Converting Colors

`RYB(230, 187, 234)`

Have a look what the booklet for
RYB(230, 187, 234) contains.

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Color

R_YB(230, 187, 234)

Conversions

Conversions Part 1

Format	Color
Hex	E6BBEA
RGB	230, 187, 234
RGB Percent	90%, 73%, 92%
CMY	0.0980, 0.2667, 0.0824
CMYK	0.02, 0.20, 0.00, 0.08
HSL	295°, 53%, 83%
HSV	295°, 20%, 92%
XYZ	65.2547, 58.3042, 85.6564
YIQ	205.2150, 10.5410, 23.7330

Conversions

Conversions Part 2

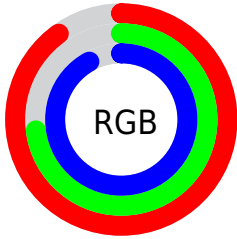
Format	Color
R _Y B	230, 187, 234
Decimal	15121386
CIE _{Lab}	80.91, 23.39, -17.55
CIE _{LCh}	81, 29.236, 323.120
Yxy	58.3042, 0.3119, 0.2787
Android (android.graphics.Color)	4293311466 (0xFFE6BBEA)
YUV	205.2150, 14.1910, 21.7364
Hunter-Lab	76.3572, 18.9209, -13.0607

Details

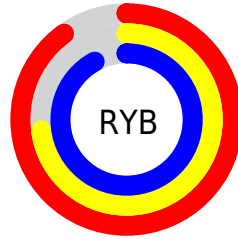
The RYB color **230, 187, 234** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **187, 234, 230**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 243, 255**, and **174, 134, 178** is the 20% darker color. If you saturate the color by 10%, you get **228, 164, 234**, and if you desaturate by 10%, it is **232, 210, 234**.

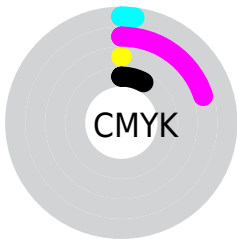
Distribution



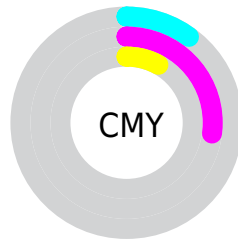
- Red (90%)
- Green (73%)
- Blue (92%)



- Red (90%)
- Yellow (73%)
- Blue (92%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 187, 234 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 230, 187, 234 by changing the saturation by 10% instead.

■ 230, 187, 234

255, 255, 255

■ 255, 243, 255

■ 230, 187, 234

■ 202, 160, 206

■ 174, 134, 178

■ 147, 108, 151

■ 121, 83, 125

■ 96, 60, 100

■ 71, 37, 76

■ 48, 15, 53

■ 30, 0, 32

■ 0, 0, 5

 230, 187, 234

 230, 187, 234

 228, 164, 234

 232, 210, 234

 226, 140, 234


 234, 234, 234

 224, 117, 234

 234, 255, 253

 222, 93, 234


 234, 255, 251

 220, 70, 234


 234, 255, 249

 218, 47, 234

 234, 255, 247

 216, 23, 234

 234, 255, 245

 214, 0, 234

 234, 255, 243

 234, 255, 241

Harmonies

Analogous

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



197, 196, 251



230, 187, 234



251, 181, 208

Triad

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



230, 187, 234



195, 227, 147



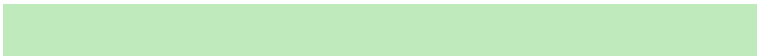
120, 169, 221

Complementary

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



230, 187, 234



187, 234, 230

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.



138, 184, 216



230, 187, 234



150, 206, 157

Square

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



230, 187, 234



247, 203, 158



167, 212, 212



127, 176, 244

Rectangle

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



230, 187, 234



255, 181, 190



167, 212, 212



124, 171, 216

Sweetspot

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



230, 187, 234



254, 240, 255



187, 192, 234



127, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 187, 234



250, 194, 255



234, 187, 215



116, 106, 117



166, 0, 181



49, 0, 54

Inverse Universe

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



234, 187, 191



255, 194, 199



187, 220, 234



117, 106, 107



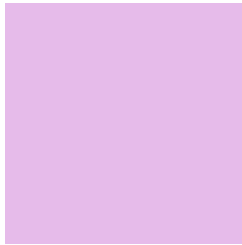
181, 0, 15



54, 0, 5

Previews

White Background



This preview shows how the RYB color 230, 187, 234 looks on a white background.

Color Contrast Check

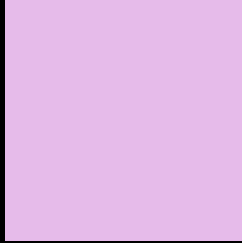
Large Text (above 18pt) WCAG AA × Fail

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 230, 187, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

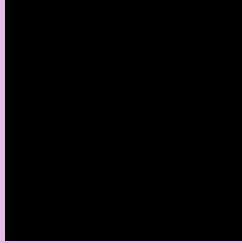
Any Text WCAG AA ✓ Pass

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 230, 187, 234 Background



This preview shows how black text looks on a background with the RYB color 230, 187, 234.

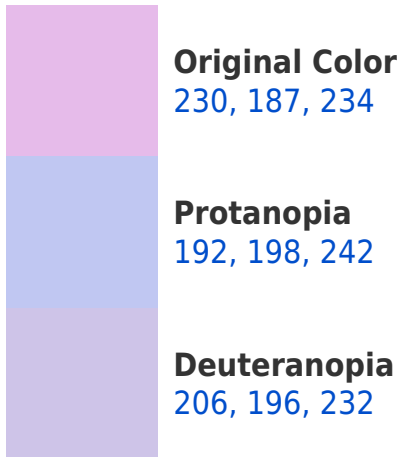


This preview shows how white text looks on a background with the RYB color 230, 187, 234.

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





Tritanopia
226, 192, 207

Trichromacy



Original Color
230, 187, 234

Protanomaly
206, 195, 239

Deuteranomaly
215, 193, 233

Tritanomaly
227, 190, 217

Monochromacy



Original Color
230, 187, 234

Achromatopsia
205, 205, 205

Achromatomaly
214, 198, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 187, 234 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(230, 187, 234) looks like.

```
.text, #text, p{  
    color:rgb(230, 187, 234)  
}
```

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(230, 187, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 187, 234) }
```

Border

The CSS property to change the border of an element to RYB 230, 187, 234 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(230, 187, 234) }
```

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

```
.border{ border-color:rgb(230, 187, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 187, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 187, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 187, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 187,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 230, 187, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 187, 234) }
```

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

```
.background{ background-color: rgb(230,  
187, 234) }
```

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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