

Converting Colors

`RYB(234, 180, 225)`

Have a look what the booklet for RYB(234, 180, 225) contains.

RYB(234, 180, 225)	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(234, 180, 225)

Conversions

Conversions Part 1

Format	Color
Hex	EAB4E1
RGB	234, 180, 225
RGB Percent	92%, 71%, 88%
CMY	0.0824, 0.2941, 0.1176
CMYK	0.00, 0.23, 0.04, 0.08
HSL	310°, 56%, 81%
HSV	310°, 23%, 92%
XYZ	63.8435, 55.5712, 78.5956
YIQ	201.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

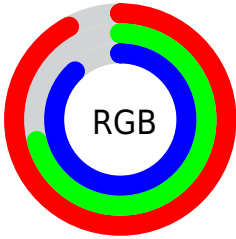
Format	Color
RYB	234, 180, 225
Decimal	15381729
CIELab	79.37, 26.81, -14.98
CIElCh	79, 30.714, 330.811
Yxy	55.5712, 0.3224, 0.2806
Android (android.graphics.Color)	4293571809 (0xFFEAB4E1)
YUV	201.2760, 11.6959, 28.6989
Hunter-Lab	74.5461, 22.4172, -10.3285

Details

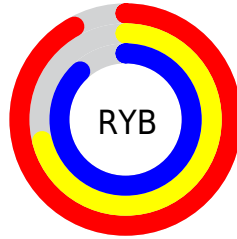
The RYB color **234, 180, 225** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **180, 226, 234**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 236, 255**, and **178, 127, 170** is the 20% darker color. If you saturate the color by 10%, you get **234, 157, 221**, and if you desaturate by 10%, it is **234, 203, 229**.

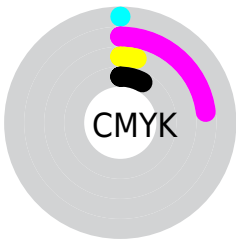
Distribution



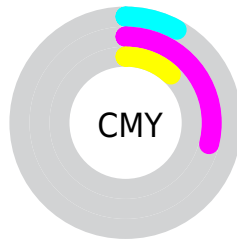
- Red (92%)
- Green (71%)
- Blue (88%)



- Red (92%)
- Yellow (71%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (8%)




- Cyan (8%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 180, 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 234, 180, 225 by changing the saturation by 10% instead.


 234, 180, 225


255, 255, 255

 255, 236, 255

 234, 180, 225


 206, 153, 197

 178, 127, 170

 151, 101, 143

 124, 77, 118


 99, 53, 93

 74, 30, 69

 50, 7, 47

 32, 0, 26


 0, 0, 0

 234, 180, 225

 234, 180, 225

 234, 157, 221

 234, 203, 229

 234, 133, 217

 234, 227, 233

 234, 110, 213

 234, 247, 250

 234, 86, 209

 234, 250, 255

 234, 63, 205

 234, 248, 255

 234, 40, 202

 234, 247, 255

 234, 16, 198

 234, 245, 255

 234, 0, 195

 234, 245, 255

Harmonies

Analogous

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



202, 189, 246



234, 180, 225



252, 176, 197

Triad

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



234, 180, 225



168, 216, 139



109, 164, 225

Complementary

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



234, 180, 225



180, 226, 234

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.



123, 173, 213



234, 180, 225



147, 204, 165

Square

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



234, 180, 225



240, 210, 148



153, 198, 210



124, 173, 246

Rectangle

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



234, 180, 225



255, 176, 178



153, 198, 210



110, 162, 216

Sweetspot

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



234, 180, 225



255, 237, 252



189, 180, 234



128, 117, 126



0, 0, 0



128, 128, 128

Same Dimension

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



234, 180, 225



255, 184, 243



234, 180, 198



117, 106, 115



181, 0, 151



54, 0, 45

Inverse Universe

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



234, 180, 225



255, 184, 243



180, 212, 234



117, 106, 115



181, 0, 151



54, 0, 45

Previews

White Background



This preview shows how the RYB color 234, 180, 225 looks on a white background.

Color Contrast Check

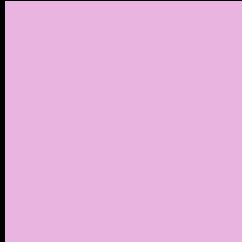
Large Text (above 18pt) WCAG AA × Fail

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 234, 180, 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 234, 180, 225 Background



This preview shows how black text looks on a background with the RYB color 234, 180, 225.

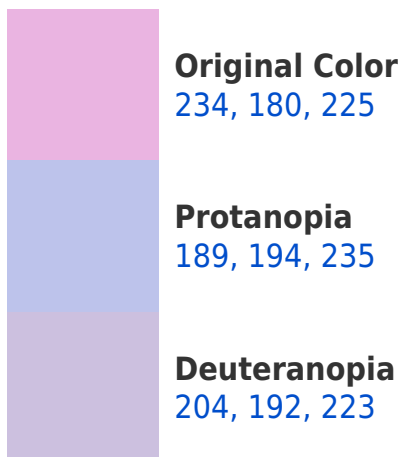



This preview shows how white text looks on a background with the RYB color 234, 180, 225.

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





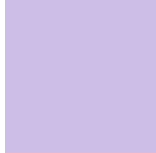
Tritanopia
230, 185, 199

Trichromacy



Original Color

234, 180, 225



Protanomaly

205, 190, 231



Deuteranomaly

215, 188, 224



Tritanomaly

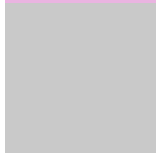
231, 183, 208

Monochromacy



Original Color

234, 180, 225



Achromatopsia

201, 201, 201



Achromatomaly

213, 193, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 180, 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(234, 180, 225) looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 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(234, 180, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 225) }
```

Border

The CSS property to change the border of an element to RYB 234, 180, 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(234, 180, 225) }
```

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

```
.border{ border-color:rgb(234, 180, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 180, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 234, 180, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 225) }
```

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

```
.background{ background-color: rgb(234,  
180, 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](#).

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