

Converting Colors

`RYB(225, 180, 235)`

Have a look what the booklet for
RYB(225, 180, 235) contains.

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Color

`RYB(225, 180, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	E1B4EB
RGB	225, 180, 235
RGB Percent	88%, 71%, 92%
CMY	0.1176, 0.2941, 0.0784
CMYK	0.04, 0.23, 0.00, 0.08
HSL	289°, 58%, 81%
HSV	289°, 23%, 92%
XYZ	62.3680, 54.6482, 85.8583
YIQ	199.7250, 9.1650, 26.6450

Conversions

Conversions Part 2

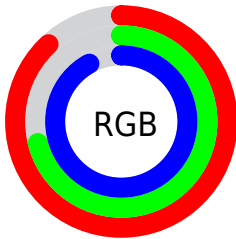
Format	Color
R _Y B	225, 180, 235
Decimal	14791915
CIE Lab	78.84, 25.70, -21.26
CIE LCh	79, 33.355, 320.406
Yxy	54.6482, 0.3074, 0.2694
Android (android.graphics.Color)	4292981995 (0xFFE1B4EB)
YUV	199.7250, 17.3906, 22.1662
Hunter-Lab	73.9244, 21.2277, -17.1142

Details

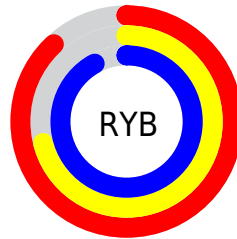
The RYB color **225, 180, 235** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **180, 235, 225**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 236, 255**, and **169, 127, 179** is the 20% darker color. If you saturate the color by 10%, you get **221, 157, 235**, and if you desaturate by 10%, it is **229, 204, 235**.

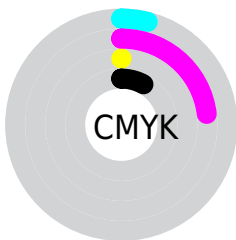
Distribution



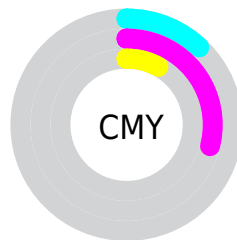
- Red (88%)
- Green (71%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 180, 235 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 225, 180, 235 by changing the saturation by 10% instead.

 225, 180, 235


 225, 180, 235

255, 255, 255

 197, 153, 207

 255, 236, 255

 169, 127, 179

 142, 101, 152

 116, 77, 126

 91, 54, 101

 67, 31, 77

 44, 9, 54

 24, 0, 33

 0, 0, 5

■ 225, 180, 235

■ 225, 180, 235

■ 221, 157, 235

■ 229, 204, 235

■ 216, 133, 235

■ 234, 227, 235

■ 212, 110, 235

■ 235, 251, 248

■ 208, 86, 235

■ 235, 255, 248

■ 204, 63, 235

■ 235, 255, 244

■ 199, 39, 235

■ 235, 255, 239

■ 195, 16, 235

■ 235, 255, 235

■ 192, 0, 235

Harmonies

Analogous

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



186, 191, 253



225, 180, 235



250, 173, 206

Triad

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



225, 180, 235



193, 226, 134



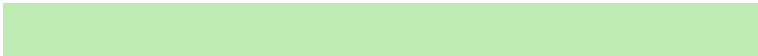
98, 156, 216

Complementary

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



225, 180, 235



180, 235, 225

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.



124, 176, 212



225, 180, 235



136, 200, 141

Square

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



225, 180, 235



248, 194, 149



155, 207, 202



103, 163, 242

Rectangle

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



225, 180, 235



255, 172, 185



155, 207, 202



104, 160, 212

Sweetspot

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



225, 180, 235



252, 237, 255



180, 188, 235



126, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 180, 235



242, 184, 255



235, 180, 218



115, 106, 117



148, 0, 181



44, 0, 54

Inverse Universe

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



235, 180, 190



255, 184, 197



180, 222, 235



117, 106, 108



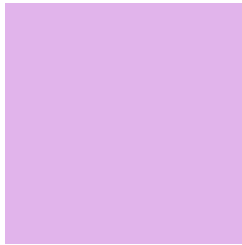
181, 0, 33



54, 0, 10

Previews

White Background



This preview shows how the RYB color 225, 180, 235 looks on a white background.

Color Contrast Check

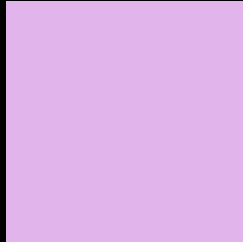
Large Text (above 18pt) WCAG AA × Fail

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 225, 180, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

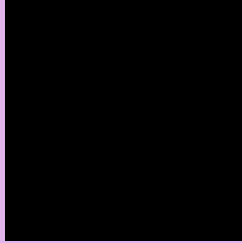
Any Text WCAG AA ✓ Pass

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 225, 180, 235 Background



This preview shows how black text looks on a background with the RYB color 225, 180, 235.

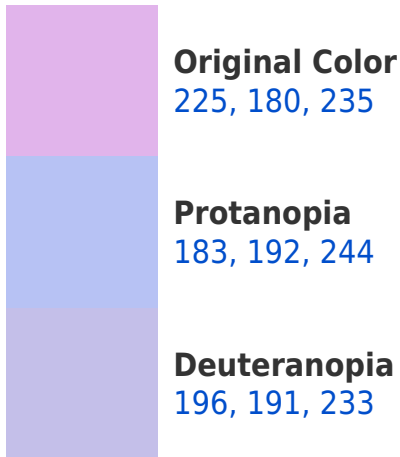



This preview shows how white text looks on a background with the RYB color 225, 180, 235.

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
220, 186, 201

Trichromacy



Original Color
225, 180, 235

Protanomaly
198, 188, 241

Deuteranomaly
207, 187, 234

Tritanomaly
222, 184, 213

Monochromacy



Original Color
225, 180, 235

Achromatopsia
200, 200, 200

Achromatomaly
209, 193, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 180, 235 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(225, 180, 235) looks like.

```
.text, #text, p{  
    color:rgb(225, 180, 235)  
}
```

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(225, 180, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 180, 235) }
```

Border

The CSS property to change the border of an element to RYB 225, 180, 235 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(225, 180, 235) }
```

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

```
.border{ border-color:rgb(225, 180, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 180, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 180, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 180, 235);  
box-shadow:4px 4px 4px 4px rgb(225, 180,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 225, 180, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 180, 235) }
```

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

```
.background{ background-color: rgb(225,  
180, 235) }
```

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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