

Converting Colors

`RYB(235, 178, 233)`

Have a look what the booklet for
RYB(235, 178, 233) contains.

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Color

R_YB(235, 178, 233)

Conversions

Conversions Part 1

Format	Color
Hex	EBB2E9
RGB	235, 178, 233
RGB Percent	92%, 70%, 91%
CMY	0.0784, 0.3020, 0.0863
CMYK	0.00, 0.24, 0.01, 0.08
HSL	302°, 59%, 81%
HSV	302°, 24%, 92%
XYZ	64.8893, 55.3861, 84.3614
YIQ	201.3130, 16.3170, 29.1890

Conversions

Conversions Part 2

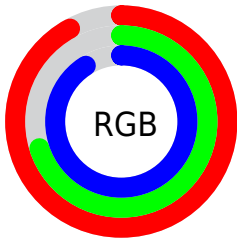
Format	Color
R _Y B	235, 178, 233
Decimal	15446761
CIE Lab	79.26, 29.65, -19.45
CIE LCh	79, 35.457, 326.741
Yxy	55.3861, 0.3171, 0.2707
Android (android.graphics.Color)	4293636841 (0xFFE9B2E9)
YUV	201.3130, 15.6217, 29.5435
Hunter-Lab	74.4219, 25.3980, -15.1132

Details

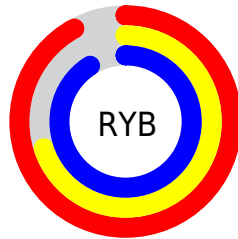
The RYB color **235, 178, 233** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **178, 233, 235**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 234, 255**, and **179, 125, 177** is the 20% darker color. If you saturate the color by 10%, you get **235, 155, 232**, and if you desaturate by 10%, it is **235, 202, 234**.

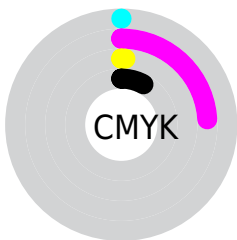
Distribution



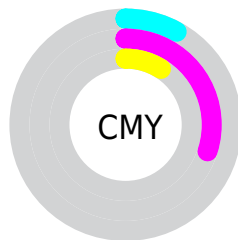
- Red (92%)
- Green (70%)
- Blue (91%)



- Red (92%)
- Yellow (70%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 178, 233 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 235, 178, 233 by changing the saturation by 10% instead.

 235, 178, 233


 235, 178, 233


255, 255, 255

 206, 151, 205


 255, 234, 255

 179, 125, 177

 151, 99, 150

 125, 75, 125

 99, 51, 99

 75, 28, 75

 51, 4, 53

 32, 0, 32

 0, 0, 2

 235, 178, 233

 235, 178, 233

 235, 155, 232

 235, 202, 234

 235, 131, 231

 235, 225, 235

 235, 108, 231

 235, 249, 249

 235, 84, 230


 235, 254, 255

 235, 60, 229

 235, 253, 255

 235, 37, 228

 235, 252, 255

 235, 14, 227

 235, 252, 255

 235, 0, 227

 235, 251, 255

Harmonies

Analogous

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



196, 189, 255



235, 178, 233



255, 172, 201

Triad

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



235, 178, 233



174, 223, 130



86, 153, 225

Complementary

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



235, 178, 233



178, 233, 235

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.



112, 169, 214



235, 178, 233



137, 203, 152

Square

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



235, 178, 233



249, 206, 142



150, 203, 211



101, 164, 251

Rectangle

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



235, 178, 233



255, 172, 179



150, 203, 211



91, 153, 214

Sweetspot

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



235, 178, 233



255, 237, 254



180, 178, 235



128, 117, 127



0, 0, 0



128, 128, 128

Same Dimension

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



235, 178, 233



255, 181, 252



235, 178, 205



117, 106, 117



181, 0, 175



54, 0, 52

Inverse Universe

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



235, 178, 233



255, 181, 252



178, 215, 235



117, 106, 117



181, 0, 175



54, 0, 52

Previews

White Background



This preview shows how the RYB color 235, 178, 233 looks on a white background.

Color Contrast Check

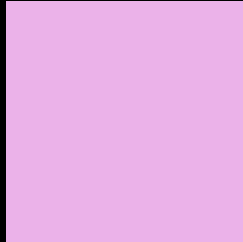
Large Text (above 18pt) WCAG AA × Fail

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 235, 178, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

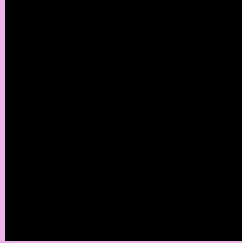
Any Text WCAG AA ✓ Pass

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 235, 178, 233 Background



This preview shows how black text looks on a background with the RYB color 235, 178, 233.

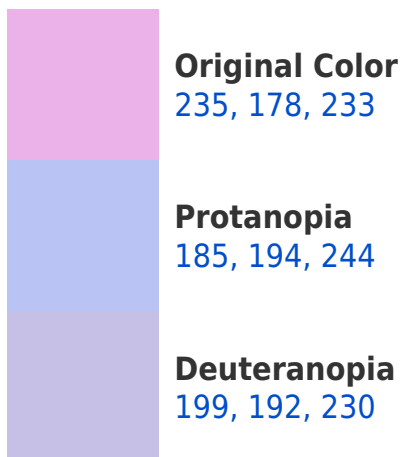



This preview shows how white text looks on a background with the RYB color 235, 178, 233.

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, 184, 199

Trichromacy



Original Color

235, 178, 233



Protanomaly

203, 189, 240



Deuteranomaly

212, 187, 231



Tritanomaly

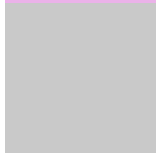
232, 182, 211

Monochromacy



Original Color

235, 178, 233



Achromatopsia

201, 201, 201



Achromatomaly

213, 193, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 178, 233 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(235, 178, 233)` looks like.

```
.text, #text, p{  
    color:rgb(235, 178, 233)  
}
```

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(235, 178, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 178, 233) }
```

Border

The CSS property to change the border of an element to RYB 235, 178, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

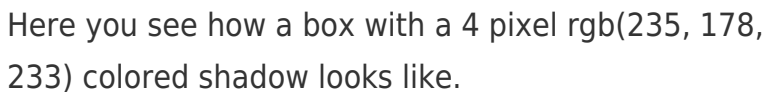
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 178, 233) }
```

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

```
.border{ border-color:rgb(235, 178, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 178, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 178, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 178, 233); box-shadow:4px 4px 4px 4px rgb(235, 178, 233) }
```

Background

The CSS property to change the background color of an element to RYB 235, 178, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 178, 233) }
```

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

```
.background{ background-color: rgb(235,  
178, 233) }
```

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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