

Converting Colors

`RYB(235, 182, 232)`

Have a look what the booklet for
RYB(235, 182, 232) contains.

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Color

R_YB(235, 182, 232)

Conversions

Conversions Part 1

Format	Color
Hex	EBB6E8
RGB	235, 182, 232
RGB Percent	92%, 71%, 91%
CMY	0.0784, 0.2863, 0.0902
CMYK	0.00, 0.23, 0.01, 0.08
HSL	303°, 57%, 82%
HSV	303°, 23%, 92%
XYZ	65.5544, 56.9443, 83.8802
YIQ	203.5470, 15.5380, 26.7860

Conversions

Conversions Part 2

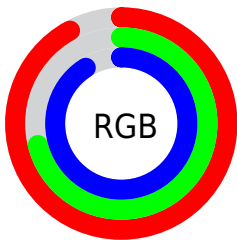
Format	Color
R _Y B	235, 182, 232
Decimal	15447784
CIE Lab	80.15, 27.33, -17.57
CIE LCh	80, 32.493, 327.267
Yxy	56.9443, 0.3176, 0.2759
Android (android.graphics.Color)	4293637864 (0xFFE8B6E8)
YUV	203.5470, 14.0273, 27.5843
Hunter-Lab	75.4614, 23.0079, -13.0816

Details

The RYB color **235, 182, 232** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 232, 235**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 238, 255**, and **179, 129, 176** is the 20% darker color. If you saturate the color by 10%, you get **235, 159, 231**, and if you desaturate by 10%, it is **235, 206, 233**.

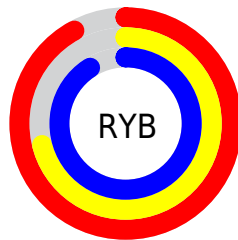
Distribution



Red (92%)

Green (71%)

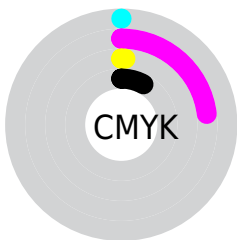
Blue (91%)



Red (92%)

Yellow (71%)

Blue (91%)

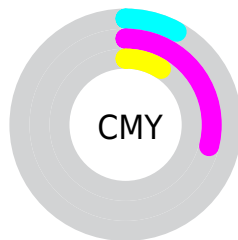


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (8%)



Cyan (8%)

Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 182, 232 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, 182, 232 by changing the saturation by 10% instead.

 235, 182, 232

255, 255, 255


 255, 238, 255

 235, 182, 232


 207, 155, 204


 179, 129, 176

 152, 103, 150

 125, 79, 124

 100, 55, 99

 75, 32, 75


 51, 9, 52

 33, 0, 31

 0, 0, 1

 235, 182, 232

 235, 182, 232

 235, 159, 231

 235, 206, 233

 235, 135, 229

 235, 229, 235

 235, 112, 228

 235, 252, 253

 235, 88, 227


 235, 253, 255

 235, 65, 225

 235, 252, 255

 235, 41, 224

 235, 251, 255

 235, 18, 223

 235, 250, 255

 235, 0, 222

 235, 249, 255

 235, 249, 255

Harmonies

Analogous

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



199, 192, 253



235, 182, 232



255, 177, 203

Triad

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



235, 182, 232



178, 223, 138



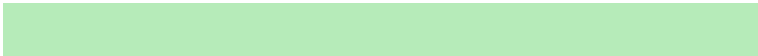
103, 161, 225

Complementary

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



235, 182, 232



182, 232, 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.



123, 175, 215



235, 182, 232



144, 205, 158

Square

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



235, 182, 232



247, 208, 149



156, 204, 212



116, 171, 249

Rectangle

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



235, 182, 232



255, 177, 182



156, 204, 212



107, 162, 216

Sweetspot

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



235, 182, 232



255, 237, 254



185, 182, 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, 182, 232



255, 186, 251



235, 182, 206



117, 106, 117



181, 0, 171



54, 0, 51

Inverse Universe

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



235, 182, 232



255, 186, 251



182, 216, 235



117, 106, 117



181, 0, 171



54, 0, 51

Previews

White Background



This preview shows how the RYB color 235, 182, 232 looks on a white background.

Color Contrast Check

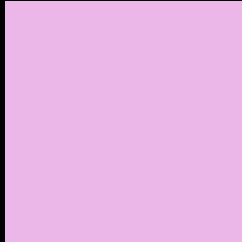
Large Text (above 18pt) WCAG AA × Fail

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, 182, 232 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, 182, 232 Background



This preview shows how black text looks on a background with the RYB color 235, 182, 232.

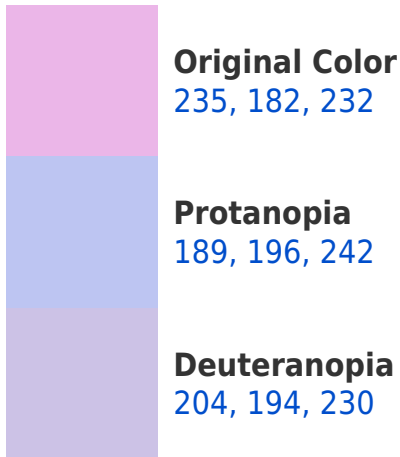



This preview shows how white text looks on a background with the RYB color 235, 182, 232.

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
231, 187, 202

Trichromacy



Original Color

235, 182, 232



Protanomaly

206, 192, 238



Deuteranomaly

215, 190, 231



Tritanomaly

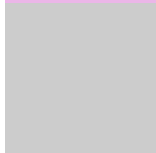
232, 185, 213

Monochromacy



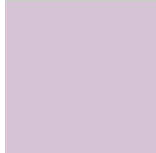
Original Color

235, 182, 232



Achromatopsia

204, 204, 204



Achromatomaly

215, 196, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 182, 232 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, 182, 232) looks like.

```
.text, #text, p{  
    color:rgb(235, 182, 232)  
}
```

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, 182, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 182, 232) }
```

Border

The CSS property to change the border of an element to RYB 235, 182, 232 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, 182, 232) }
```

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

```
.border{ border-color:rgb(235, 182, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 182, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 182, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 182, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 182,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 235, 182, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 182, 232) }
```

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

```
.background{ background-color: rgb(235,  
182, 232) }
```

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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