

Converting Colors

`RYB(234, 185, 241)`

Have a look what the booklet for
RYB(234, 185, 241) contains.

RYB(234, 185, 241)	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, 185, 241)

Conversions

Conversions Part 1

Format	Color
Hex	EAB9F1
RGB	234, 185, 241
RGB Percent	92%, 73%, 95%
CMY	0.0824, 0.2745, 0.0549
CMYK	0.03, 0.23, 0.00, 0.05
HSL	292°, 67%, 84%
HSV	292°, 23%, 95%
XYZ	67.1578, 58.5412, 90.9791
YIQ	206.0350, 11.2280, 27.8040

Conversions

Conversions Part 2

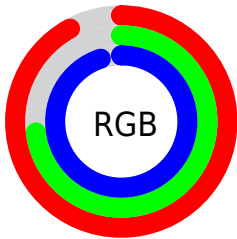
Format	Color
RYB	234, 185, 241
Decimal	15383025
CIELab	81.04, 27.07, -21.07
CIELCh	81, 34.299, 322.105
Yxy	58.5412, 0.3099, 0.2702
Android (android.graphics.Color)	4293573105 (0xFFEAB9F1)
YUV	206.0350, 17.2377, 24.5253
Hunter-Lab	76.5122, 22.7801, -16.9419

Details

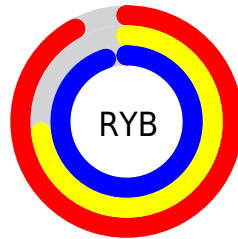
The RYB color `234, 185, 241` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `185, 241, 234`, and the grayscale version is `206, 206, 206`.

A 20% lighter version of the original color is `255, 241, 255`, and `178, 131, 185` is the 20% darker color. If you saturate the color by 10%, you get `231, 161, 241`, and if you desaturate by 10%, it is `237, 209, 241`.

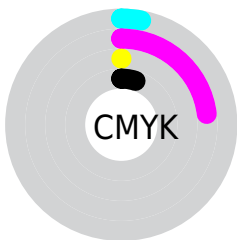
Distribution



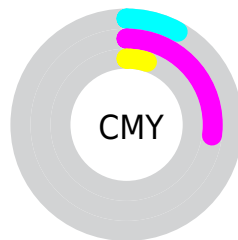
- Red (92%)
- Green (73%)
- Blue (95%)



- Red (92%)
- Yellow (73%)
- Blue (95%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)




- Cyan (8%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 234, 185, 241 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, 185, 241 by changing the saturation by 10% instead.


 234, 185, 241


 234, 185, 241

255, 255, 255

 206, 158, 213

 255, 241, 255

 178, 131, 185

 151, 106, 158

 124, 81, 132


 99, 58, 106


 74, 35, 82


 50, 12, 59

 32, 0, 37

 0, 1, 13

 234, 185, 241

 234, 185, 241

 231, 161, 241

 237, 209, 241


 228, 137, 241

 240, 233, 241


 225, 113, 241

 241, 255, 253


 222, 89, 241


 241, 255, 250


 219, 64, 241


 241, 255, 247

 216, 40, 241

 241, 255, 244

 213, 16, 241

 241, 255, 241

 211, 0, 241

Harmonies

Analogous

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



194, 196, 255



234, 185, 241



255, 178, 211

Triad

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



234, 185, 241



196, 232, 138



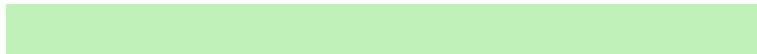
99, 160, 224

Complementary

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



234, 185, 241



185, 241, 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.



126, 180, 218



234, 185, 241



141, 207, 149

Square

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



234, 185, 241



255, 203, 152



161, 214, 213



107, 169, 251

Rectangle

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



234, 185, 241



255, 177, 189



161, 214, 213



106, 164, 219

Sweetspot

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



234, 185, 241



253, 237, 255



185, 191, 241



126, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 185, 241



246, 184, 255



241, 185, 220



118, 108, 120



161, 0, 184



49, 0, 56

Inverse Universe

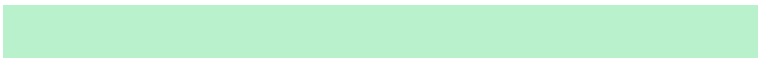
The Inverse Universe completely reimagines the original color for something new.



241, 185, 192



255, 184, 193



185, 226, 241



120, 108, 109



184, 0, 23



56, 0, 7

Previews

White Background



This preview shows how the RYB color 234, 185, 241 looks on a white background.

Color Contrast Check

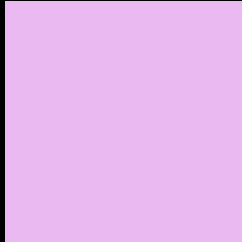
Large Text (above 18pt) WCAG AA × Fail

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, 185, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

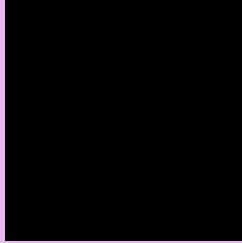
Any Text WCAG AA ✓ Pass

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, 185, 241 Background



This preview shows how black text looks on a background with the RYB color 234, 185, 241.

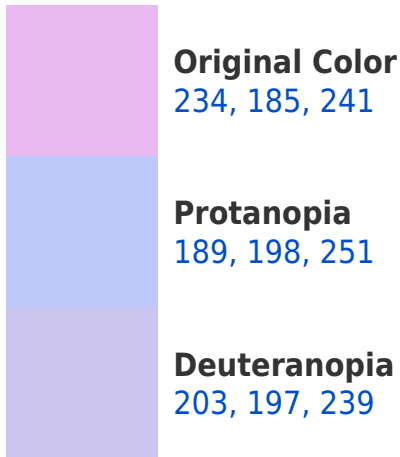



This preview shows how white text looks on a background with the RYB color 234, 185, 241.

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
229, 191, 206

Trichromacy



Original Color

234, 185, 241



Protanomaly

205, 194, 247



Deuteranomaly

214, 193, 240



Tritanomaly

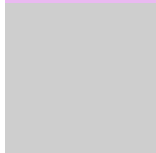
231, 189, 219

Monochromacy



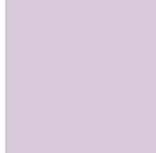
Original Color

234, 185, 241



Achromatopsia

206, 206, 206



Achromatomaly

216, 198, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 185, 241 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, 185, 241) looks like.

```
.text, #text, p{  
    color:rgb(234, 185, 241)  
}
```

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, 185, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 185, 241) }
```

Border

The CSS property to change the border of an element to RYB 234, 185, 241 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, 185, 241) }
```

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

```
.border{ border-color:rgb(234, 185, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 185, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 185, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 185, 241);  
box-shadow:4px 4px 4px 4px rgb(234, 185,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 234, 185, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 185, 241) }
```

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

```
.background{ background-color: rgb(234,  
185, 241) }
```

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