

Converting Colors

`RYB(234, 201, 255)`

Have a look what the booklet for
RYB(234, 201, 255) contains.

RYB(234, 201, 255)	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, 201, 255)

Conversions

Conversions Part 1

Format	Color
Hex	EAC9FF
RGB	234, 201, 255
RGB Percent	92%, 79%, 100%
CMY	0.0824, 0.2118, 0.0000
CMYK	0.08, 0.21, 0.00, 0.00
HSL	277°, 100%, 89%
HSV	277°, 21%, 100%
XYZ	72.8683, 66.4857, 103.6002
YIQ	217.0230, 2.3340, 23.7900

Conversions

Conversions Part 2

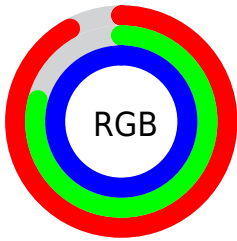
Format	Color
R_{YB}	234, 201, 255
Decimal	15387135
CIE _{Lab}	85.24, 21.22, -22.15
CIE _{LCh}	85, 30.680, 313.772
Yxy	66.4857, 0.2999, 0.2737
Android (android.graphics.Color)	4293577215 (0xFFEAC9FF)
YUV	217.0230, 18.7227, 14.8888
Hunter-Lab	81.5388, 16.8263, -18.2546

Details

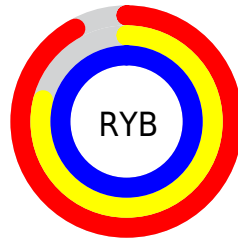
The RYB color **234, 201, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **201, 255, 234**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 147, 198** is the 20% darker color. If you saturate the color by 10%, you get **224, 176, 255**, and if you desaturate by 10%, it is **244, 227, 255**.

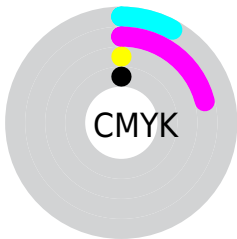
Distribution



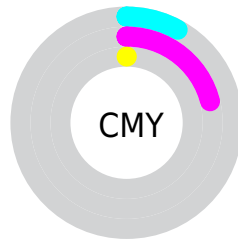
- Red (92%)
- Green (79%)
- Blue (100%)



- Red (92%)
- Yellow (79%)
- Blue (100%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 201, 255 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, 201, 255 by changing the saturation by 10% instead.

■ 234, 201, 255

255, 255, 255

■ 234, 201, 255

■ 206, 174, 226

■ 178, 147, 198

■ 151, 121, 171

■ 125, 96, 144

■ 99, 72, 118

■ 75, 49, 94

■ 51, 27, 70

■ 30, 5, 47

■ 0, 1, 26

■ 234, 201, 255

■ 234, 201, 255

■ 224, 176, 255

■ 244, 227, 255

■ 214, 150, 255

■ 254, 252, 255

■ 204, 124, 255

255, 255, 255

■ 194, 99, 255

■ 184, 73, 255

■ 174, 48, 255

■ 165, 22, 255

■ 156, 0, 255

Harmonies

Analogous

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



196, 208, 255



234, 201, 255



255, 194, 230

Triad

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



234, 201, 255



237, 248, 158



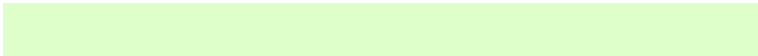
131, 181, 229

Complementary

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



234, 201, 255



201, 255, 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.



155, 202, 228



234, 201, 255



161, 220, 156

Square

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



234, 201, 255



255, 206, 174



170, 223, 205



129, 184, 252

Rectangle

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



234, 201, 255



255, 192, 210



170, 223, 205



137, 186, 229

Sweetspot

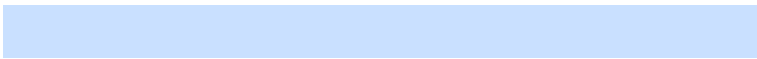
The Sweet Spot groups the original color and five complimentary colors.



234, 201, 255



249, 240, 255



201, 217, 255



124, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 201, 255



230, 191, 255



255, 201, 250



123, 115, 128



117, 0, 191



39, 0, 64

Inverse Universe

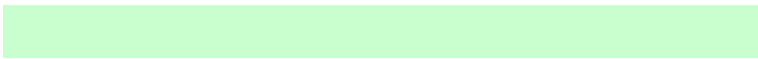
The Inverse Universe completely reimagines the original color for something new.



255, 201, 222



255, 191, 216



201, 250, 255



128, 115, 120



191, 0, 74



64, 0, 25

Previews

White Background



This preview shows how the RYB color 234, 201, 255 looks on a white background.

Color Contrast Check

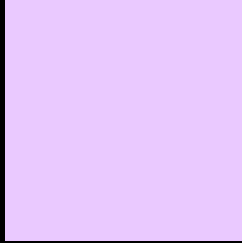
Large Text (above 18pt) WCAG AA × Fail

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, 201, 255 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

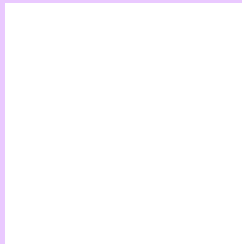
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 234, 201, 255 Background



This preview shows how black text looks on a background with the RYB color 234, 201, 255.

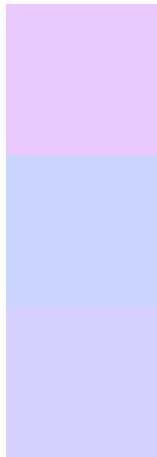


This preview shows how white text looks on a background with the RYB color 234, 201, 255.

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



Original Color
234, 201, 255

Protanopia
203, 210, 255

Deuteranopia
214, 208, 254



Tritanopia
229, 207, 223

Trichromacy



Original Color
234, 201, 255

Protanomaly
214, 207, 255

Deuteranomaly
221, 205, 254

Tritanomaly
231, 205, 235

Monochromacy



Original Color
234, 201, 255

Achromatopsia
217, 217, 217

Achromatomaly
223, 211, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 201, 255 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, 201, 255) looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 255)  
}
```

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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 255) }
```

Border

The CSS property to change the border of an element to RYB 234, 201, 255 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, 201, 255) }
```

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

```
.border{ border-color:rgb(234, 201, 255) }
```

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

Here you see how a box with a 4 pixel rgb(234, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 234, 201, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 255) }
```

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

```
.background{ background-color: rgb(234,  
201, 255) }
```

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