

Converting Colors

`RYB(234, 197, 252)`

Have a look what the booklet for
RYB(234, 197, 252) contains.

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Color

R_YB(234, 197, 252)

Conversions

Conversions Part 1

Format	Color
Hex	EAC5FC
RGB	234, 197, 252
RGB Percent	92%, 77%, 99%
CMY	0.0824, 0.2275, 0.0118
CMYK	0.07, 0.22, 0.00, 0.01
HSL	280°, 90%, 88%
HSV	280°, 22%, 99%
XYZ	71.4686, 64.4532, 100.7694
YIQ	214.3330, 4.3970, 24.9490

Conversions

Conversions Part 2

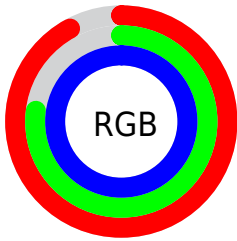
Format	Color
R_{YB}	234, 197, 252
Decimal	15386108
CIE _{Lab}	84.20, 22.77, -22.14
CIE _{LCh}	84, 31.760, 315.797
Yxy	64.4532, 0.3019, 0.2723
Android (android.graphics.Color)	4293576188 (0xFFEAC5FC)
YUV	214.3330, 18.5698, 17.2480
Hunter-Lab	80.2828, 18.4079, -18.2217

Details

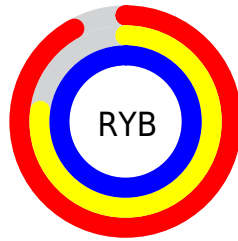
The RYB color **234, 197, 252** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **197, 252, 234**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 254, 255, and **178, 143, 195** is the 20% darker color. If you saturate the color by 10%, you get **226, 172, 252**, and if you desaturate by 10%, it is **242, 222, 252**.

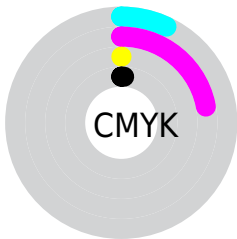
Distribution



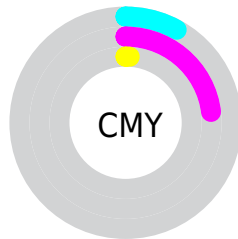
- Red (92%)
- Green (77%)
- Blue (99%)



- Red (92%)
- Yellow (77%)
- Blue (99%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (1%)




- Cyan (8%)
- Magenta (23%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 234, 197, 252 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, 197, 252 by changing the saturation by 10% instead.

 234, 197, 252


 234, 197, 252

255, 255, 255

 206, 170, 223

255, 254, 255


 178, 143, 195

 151, 117, 168

 125, 92, 141

 99, 68, 116

 75, 46, 91

 51, 24, 67

 30, 0, 45

 0, 1, 24

■ 234, 197, 252

■ 234, 197, 252

■ 226, 172, 252

■ 242, 222, 252

■ 218, 147, 252

■ 250, 247, 252

■ 209, 121, 252

252, 255, 252

■ 201, 96, 252

■ 193, 71, 252

■ 185, 46, 252

■ 176, 21, 252

■ 170, 0, 252

Harmonies

Analogous

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



195, 205, 255



234, 197, 252



255, 190, 226

Triad

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



234, 197, 252



229, 245, 152



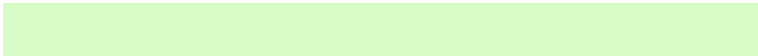
123, 176, 227

Complementary

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



234, 197, 252



197, 252, 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.



148, 197, 226



234, 197, 252



154, 215, 152

Square

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



234, 197, 252



255, 205, 168



168, 221, 208



123, 180, 252

Rectangle

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



234, 197, 252



255, 188, 205



168, 221, 208



129, 181, 227

Sweetspot

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



234, 197, 252



249, 237, 255



197, 211, 252



124, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 197, 252



233, 189, 255



252, 197, 243



121, 112, 125



127, 0, 189



41, 0, 61

Inverse Universe

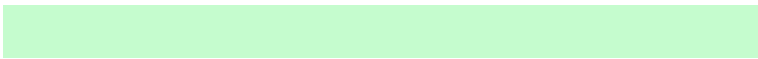
The Inverse Universe completely reimagines the original color for something new.



252, 197, 215



255, 189, 210



197, 244, 252



125, 112, 117



189, 0, 62



61, 0, 20

Previews

White Background



This preview shows how the RYB color 234, 197, 252 looks on a white background.

Color Contrast Check

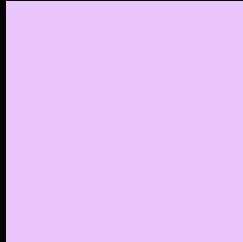
Large Text (above 18pt) WCAG AA × Fail

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, 197, 252 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, 197, 252 Background



This preview shows how black text looks on a background with the RYB color 234, 197, 252.



This preview shows how white text looks on a background with the RYB color 234, 197, 252.

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, 197, 252

Protanopia
199, 207, 255

Deuteranopia
211, 205, 250



Tritanopia
229, 203, 219

Trichromacy



Original Color

234, 197, 252



Protanomaly

212, 204, 254



Deuteranomaly

219, 202, 251



Tritanomaly

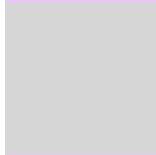
231, 201, 231

Monochromacy



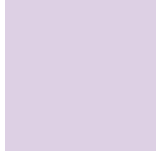
Original Color

234, 197, 252



Achromatopsia

214, 214, 214



Achromatomaly

221, 208, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 197, 252 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, 197, 252) looks like.

```
.text, #text, p{  
    color:rgb(234, 197, 252)  
}
```

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, 197, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 197, 252) }
```

Border

The CSS property to change the border of an element to RYB 234, 197, 252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

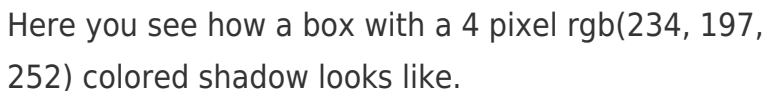
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 197, 252) }
```

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

```
.border{ border-color:rgb(234, 197, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(234, 197, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 197, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 197, 252); box-shadow:4px 4px 4px 4px rgb(234, 197, 252) }
```

Background

The CSS property to change the background color of an element to RYB 234, 197, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 197, 252) }
```

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

```
.background{ background-color: rgb(234,  
197, 252) }
```

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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