

Converting Colors

`RYB(234, 195, 250)`

Have a look what the booklet for
RYB(234, 195, 250) contains.

RYB(234, 195, 250)	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, 195, 250)

Conversions

Conversions Part 1

Format	Color
Hex	EAC3FA
RGB	234, 195, 250
RGB Percent	92%, 76%, 98%
CMY	0.0824, 0.2353, 0.0196
CMYK	0.06, 0.22, 0.00, 0.02
HSL	283°, 85%, 87%
HSV	283°, 22%, 98%
XYZ	70.7021, 63.4248, 98.9583
YIQ	212.9310, 5.5890, 25.3730

Conversions

Conversions Part 2

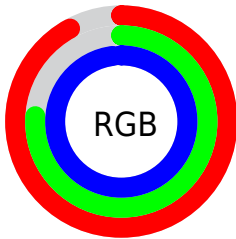
Format	Color
R_{YB}	234, 195, 250
Decimal	15385594
CIE _{Lab}	83.67, 23.45, -21.89
CIE _{LCh}	84, 32.077, 316.963
Yxy	63.4248, 0.3033, 0.2721
Android (android.graphics.Color)	4293575674 (0xFFEAC3FA)
YUV	212.9310, 18.2750, 18.4775
Hunter-Lab	79.6397, 19.0984, -17.9245

Details

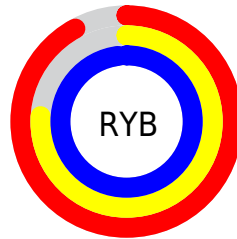
The RYB color **234, 195, 250** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 250, 234**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 252, 255**, and **178, 141, 193** is the 20% darker color. If you saturate the color by 10%, you get **227, 170, 250**, and if you desaturate by 10%, it is **241, 220, 250**.

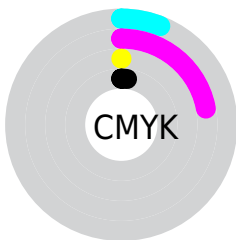
Distribution



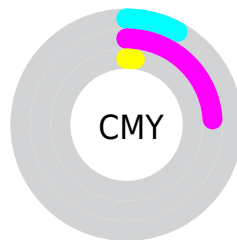
- Red (92%)
- Green (76%)
- Blue (98%)



- Red (92%)
- Yellow (76%)
- Blue (98%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 195, 250 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, 195, 250 by changing the saturation by 10% instead.

 234, 195, 250


255, 255, 255

 255, 252, 255

 234, 195, 250

 206, 168, 221


 178, 141, 193

 151, 115, 166

 125, 90, 140

 99, 67, 114

 75, 44, 89

 51, 22, 66

 30, 0, 44

 0, 1, 22

■ 234, 195, 250

■ 234, 195, 250

■ 227, 170, 250

■ 241, 220, 250

■ 219, 145, 250

■ 249, 245, 250

■ 212, 120, 250

■ 250, 255, 250

■ 205, 95, 250

■ 198, 70, 250

■ 190, 45, 250

■ 183, 20, 250

■ 177, 0, 250

Harmonies

Analogous

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



195, 204, 255



234, 195, 250



255, 188, 223

Triad

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



234, 195, 250



221, 242, 150



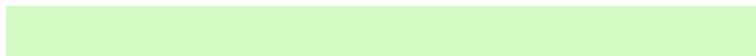
119, 172, 225

Complementary

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



234, 195, 250



195, 250, 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.



144, 194, 225



234, 195, 250



151, 213, 150

Square

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



234, 195, 250



255, 203, 166



167, 220, 209



120, 178, 252

Rectangle

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



234, 195, 250



255, 186, 202



167, 220, 209



126, 179, 226

Sweetspot

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



234, 195, 250



250, 237, 255



195, 207, 250



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 195, 250



236, 189, 255



250, 195, 239



121, 112, 125



134, 0, 189



43, 0, 61

Inverse Universe

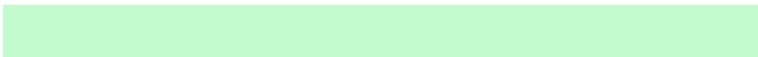
The Inverse Universe completely reimagines the original color for something new.



250, 195, 211



255, 189, 208



195, 241, 250



125, 112, 116



189, 0, 55



61, 0, 18

Previews

White Background



This preview shows how the RYB color 234, 195, 250 looks on a white background.

Color Contrast Check

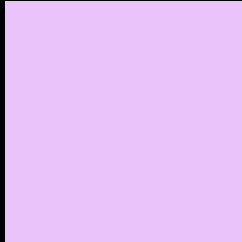
Large Text (above 18pt) WCAG AA × Fail

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, 195, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

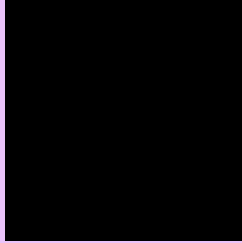
Any Text WCAG AA ✓ Pass

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, 195, 250 Background



This preview shows how black text looks on a background with the RYB color 234, 195, 250.



This preview shows how white text looks on a background with the RYB color 234, 195, 250.

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, 195, 250

Protanopia
198, 206, 255

Deuteranopia
210, 204, 248



Tritanopia
229, 201, 217

Trichromacy



Original Color

234, 195, 250



Protanomaly

211, 203, 253



Deuteranomaly

219, 201, 249



Tritanomaly

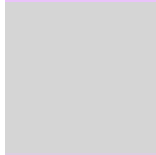
231, 199, 229

Monochromacy



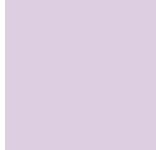
Original Color

234, 195, 250



Achromatopsia

213, 213, 213



Achromatomaly

221, 206, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 195, 250 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, 195, 250)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 250)  
}
```

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, 195, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 250) }
```

Border

The CSS property to change the border of an element to RYB 234, 195, 250 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, 195, 250) }
```

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

```
.border{ border-color:rgb(234, 195, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 250);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 234, 195, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 250) }
```

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

```
.background{ background-color: rgb(234,  
195, 250) }
```

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