

Converting Colors

`RYB(234, 229, 252)`

Have a look what the booklet for RYB(234, 229, 252) contains.

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Color

R_YB(234, 229, 252)

Conversions

Conversions Part 1

Format	Color
Hex	EAE5FC
RGB	234, 229, 252
RGB Percent	92%, 90%, 99%
CMY	0.0824, 0.1020, 0.0118
CMYK	0.07, 0.09, 0.00, 0.01
HSL	253°, 79%, 94%
HSV	253°, 9%, 99%
XYZ	79.5217, 80.5593, 103.4537
YIQ	233.1170, -4.4030, 8.2130

Conversions

Conversions Part 2

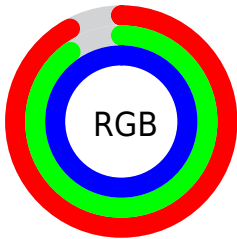
Format	Color
R_{YB}	234, 229, 252
Decimal	15394300
CIE Lab	91.94, 5.90, -10.52
CIE LCh	92, 12.067, 299.295
Yxy	80.5593, 0.3018, 0.3057
Android (android.graphics.Color)	4293584380 (0xFFEAE5FC)
YUV	233.1170, 9.3093, 0.7744
Hunter-Lab	89.7548, 1.0778, -5.5108

Details

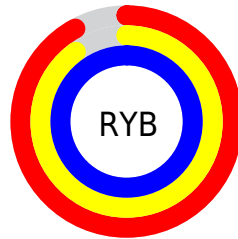
The RYB color **234, 229, 252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **229, 252, 234**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 174, 195** is the 20% darker color. If you saturate the color by 10%, you get **214, 204, 252**, and if you desaturate by 10%, it is **252, 254, 252**.

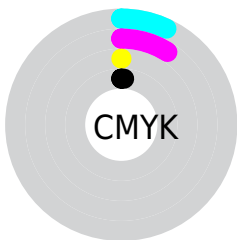
Distribution



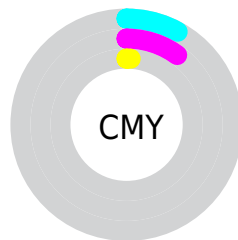
- Red (92%)
- Green (90%)
- Blue (99%)



- Red (92%)
- Yellow (90%)
- Blue (99%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 229, 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, 229, 252 by changing the saturation by 10% instead.

■ 234, 229, 252

255, 255, 255

■ 234, 229, 252

■ 206, 201, 223

■ 178, 174, 195

■ 151, 147, 168

■ 126, 121, 142

■ 100, 96, 116

■ 76, 73, 92

■ 54, 50, 68

■ 32, 29, 46

■ 10, 3, 25

234, 229, 252

234, 229, 252

214, 204, 252

252, 254, 252

195, 179, 252

252, 255, 252

175, 153, 252

155, 128, 252

135, 103, 252

116, 78, 252

96, 53, 252

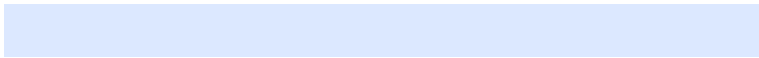
76, 27, 252

57, 2, 252

Harmonies

Analogous

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



220, 229, 255



234, 229, 252



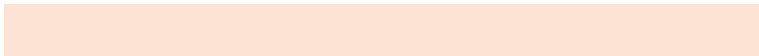
247, 226, 244

Triad

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



234, 229, 252



252, 236, 212



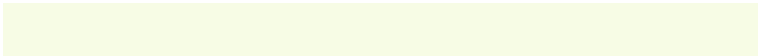
206, 225, 239

Complementary

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



234, 229, 252



229, 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.



216, 234, 237



234, 229, 252



226, 242, 209

Square

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



234, 229, 252



255, 226, 221



212, 235, 218



203, 222, 243

Rectangle

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



234, 229, 252



253, 224, 236



212, 235, 218



209, 228, 239

Sweetspot

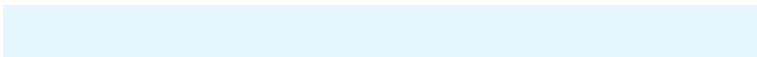
The Sweet Spot groups the original color and five complimentary colors.



234, 229, 252



249, 247, 255



229, 239, 252



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 229, 252



233, 227, 255



245, 229, 252



115, 112, 125



41, 0, 189



13, 0, 61

Inverse Universe

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



252, 229, 247



255, 227, 249



229, 252, 245



125, 112, 122



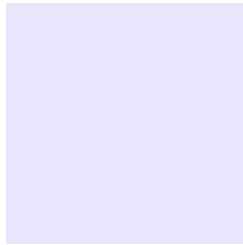
189, 0, 148



61, 0, 48

Previews

White Background



This preview shows how the RYB color 234, 229, 252 looks on a white background.

Color Contrast Check

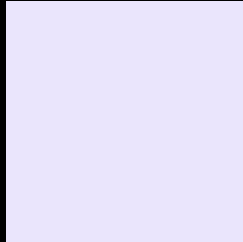
Large Text (above 18pt) WCAG AA × Fail

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, 229, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

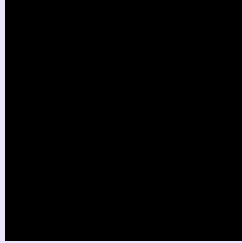
Any Text WCAG AA ✓ Pass

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](#).

RYP 234, 229, 252 Background



This preview shows how black text looks on a background with the RYB color 234, 229, 252.



This preview shows how white text looks on a background with the RYB color 234, 229, 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, 229, 252

Protanopia
230, 230, 253

Deuteranopia
245, 225, 253



Tritanopia
233, 230, 248

Trichromacy



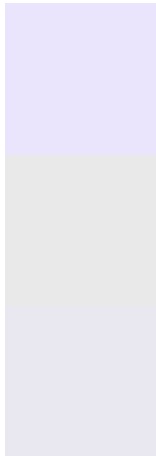
Original Color
234, 229, 252

Protanomaly
231, 230, 253

Deuteranomaly
241, 226, 253

Tritanomaly
233, 230, 249

Monochromacy



Original Color
234, 229, 252

Achromatopsia
233, 233, 233

Achromatomaly
233, 232, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 229, 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, 229, 252) looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 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, 229, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 252) }
```

Border

The CSS property to change the border of an element to RYB 234, 229, 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, 229, 252) }
```

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

```
.border{ border-color:rgb(234, 229, 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, 229, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 252);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 234, 229, 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, 229, 252) }
```

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

```
.background{ background-color: rgb(234,  
229, 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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