

Converting Colors

`RYB(234, 225, 236)`

Have a look what the booklet for RYB(234, 225, 236) contains.

RYB(234, 225, 236)	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, 225, 236)

Conversions

Conversions Part 1

Format	Color
Hex	EAE1EC
RGB	234, 225, 236
RGB Percent	92%, 88%, 93%
CMY	0.0824, 0.1176, 0.0745
CMYK	0.01, 0.05, 0.00, 0.07
HSL	289°, 22%, 90%
HSV	289°, 5%, 93%
XYZ	75.9972, 77.3990, 90.2909
YIQ	228.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

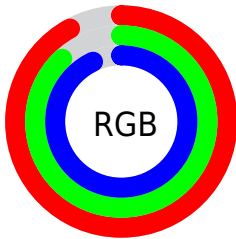
Format	Color
R_{YB}	234, 225, 236
Decimal	15393260
CIE Lab	90.50, 5.00, -4.27
CIE LCh	91, 6.578, 319.525
Yxy	77.3990, 0.3119, 0.3176
Android (android.graphics.Color)	4293583340 (0xFFEAE1EC)
YUV	228.9450, 3.4781, 4.4332
Hunter-Lab	87.9767, 0.2351, 0.7341

Details

The RYB color **234, 225, 236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 236, 234**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 170, 180** is the 20% darker color. If you saturate the color by 10%, you get **230, 201, 236**, and if you desaturate by 10%, it is **236, 249, 247**.

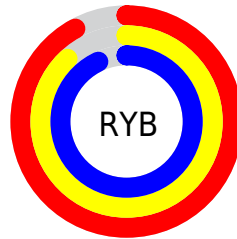
Distribution



Red (92%)

Green (88%)

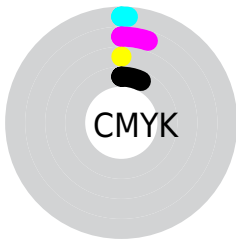
Blue (93%)



Red (92%)

Yellow (88%)

Blue (93%)

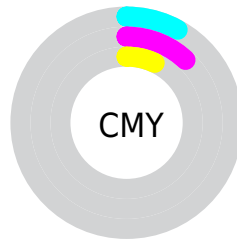


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 225, 236 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, 225, 236 by changing the saturation by 10% instead.

■ 234, 225, 236

255, 255, 255

■ 234, 225, 236

■ 206, 197, 208

■ 178, 170, 180

■ 152, 143, 153

■ 126, 118, 128

■ 101, 93, 102

■ 77, 69, 78

■ 54, 47, 56

■ 33, 26, 34

■ 10, 0, 12

 234, 225, 236


 234, 225, 236

 230, 201, 236


 236, 249, 247

 225, 178, 236

 236, 255, 248

 221, 154, 236

 236, 255, 244


 217, 131, 236


 236, 255, 240


 213, 107, 236

 236, 255, 236

 208, 83, 236

 204, 60, 236

 200, 36, 236

 195, 13, 236

Harmonies

Analogous

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



227, 227, 240



234, 225, 236



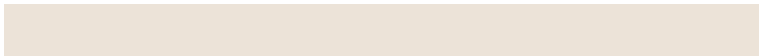
240, 224, 230

Triad

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



234, 225, 236



232, 236, 216



213, 223, 232

Complementary

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



234, 225, 236



225, 236, 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.



215, 226, 232



234, 225, 236



216, 229, 216

Square

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



234, 225, 236



240, 228, 218



219, 230, 228



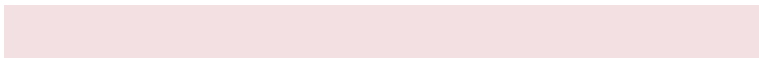
214, 224, 237

Rectangle

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



234, 225, 236



242, 224, 226



219, 230, 228



213, 223, 232

Sweetspot

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



234, 225, 236



255, 252, 255



225, 227, 236



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 225, 236



252, 240, 255



236, 225, 233



116, 109, 117



148, 0, 181



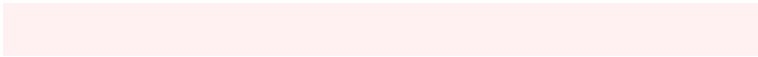
44, 0, 54

Inverse Universe

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



236, 225, 227



255, 240, 242



225, 234, 236



117, 109, 111



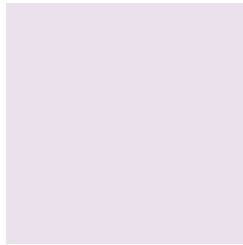
181, 0, 33



54, 0, 10

Previews

White Background



This preview shows how the RYB color 234, 225, 236 looks on a white background.

Color Contrast Check

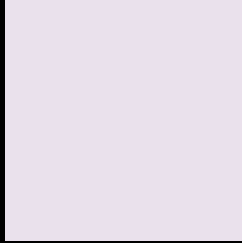
Large Text (above 18pt) WCAG AA × Fail

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, 225, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

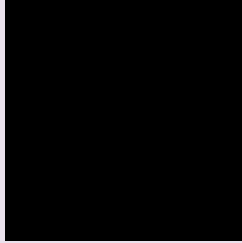
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

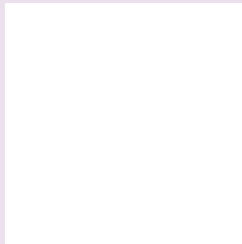
Any Text WCAG AAA ✓ Pass

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

RYB 234, 225, 236 Background



This preview shows how black text looks on a background with the RYB color 234, 225, 236.

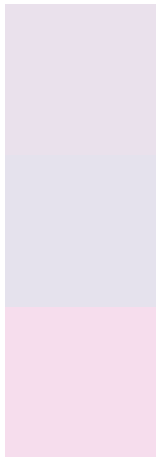


This preview shows how white text looks on a background with the RYB color 234, 225, 236.

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, 225, 236

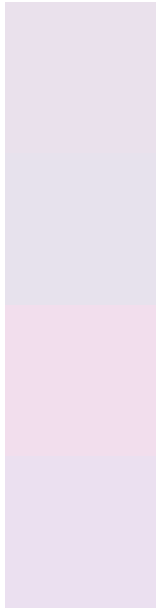
Protanopia
229, 226, 237

Deuteranopia
246, 221, 237



Tritanopia
235, 224, 242

Trichromacy



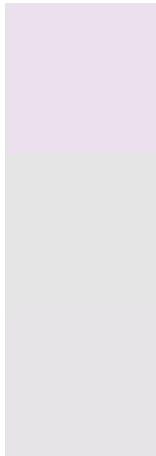
Original Color
234, 225, 236

Protanomaly
231, 226, 237

Deuteranomaly
242, 222, 237

Tritanomaly
235, 224, 240

Monochromacy



Original Color
234, 225, 236

Achromatopsia
229, 229, 229

Achromatomaly
231, 228, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 225, 236 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, 225, 236) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 236)  
}
```

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, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 236) }
```

Border

The CSS property to change the border of an element to RYB 234, 225, 236 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, 225, 236) }
```

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

```
.border{ border-color:rgb(234, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 234, 225, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 236) }
```

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

```
.background{ background-color: rgb(234,  
225, 236) }
```

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