

Converting Colors

`RYB(239, 222, 235)`

Have a look what the booklet for RYB(239, 222, 235) contains.

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Color

R_YB(239, 222, 235)

Conversions

Conversions Part 1

Format	Color
Hex	EFDEEB
RGB	239, 222, 235
RGB Percent	94%, 87%, 92%
CMY	0.0627, 0.1294, 0.0784
CMYK	0.00, 0.07, 0.02, 0.06
HSL	314°, 35%, 90%
HSV	314°, 7%, 94%
XYZ	76.7133, 76.5914, 89.3377
YIQ	228.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

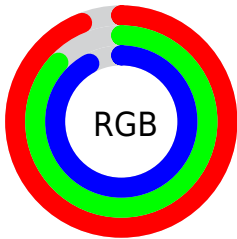
Format	Color
R_{YB}	239, 222, 235
Decimal	15720171
CIE Lab	90.13, 8.06, -4.25
CIE LCh	90, 9.110, 332.210
Yxy	76.5914, 0.3162, 0.3157
Android (android.graphics.Color)	4293910251 (0xFFEFDEEB)
YUV	228.5650, 3.1725, 9.1515
Hunter-Lab	87.5165, 3.3116, 0.7378

Details

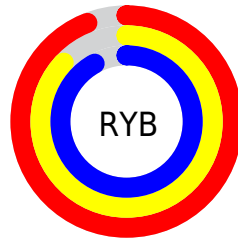
The RYB color **239, 222, 235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 236, 239**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **183, 167, 179** is the 20% darker color. If you saturate the color by 10%, you get **239, 198, 229**, and if you desaturate by 10%, it is **239, 244, 246**.

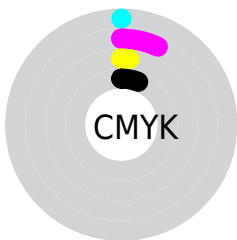
Distribution



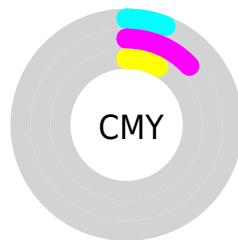
- Red (94%)
- Green (87%)
- Blue (92%)



- Red (94%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 239, 222, 235 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 239, 222, 235 by changing the saturation by 10% instead.

■ 239, 222, 235

255, 255, 255

■ 239, 222, 235

■ 211, 194, 207

■ 183, 167, 179

■ 156, 141, 153

■ 130, 115, 127

■ 105, 90, 102

■ 81, 67, 78


■ 58, 45, 55

■ 36, 24, 34

■ 16, 0, 11

 239, 222, 235

 239, 222, 235

 239, 198, 229


 239, 244, 246

 239, 174, 224

 239, 250, 255


 239, 150, 218


 239, 248, 255

 239, 126, 213

 239, 247, 255

 239, 103, 207

 239, 79, 201

 239, 55, 196

 239, 31, 190

 239, 7, 184

Harmonies

Analogous

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



229, 224, 241



239, 222, 235



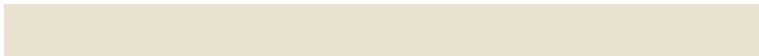
245, 221, 226

Triad

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



239, 222, 235



221, 234, 209



206, 220, 236

Complementary

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



239, 222, 235



222, 236, 239

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.



207, 221, 232



239, 222, 235



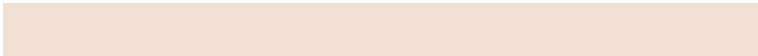
212, 229, 217

Square

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



239, 222, 235



242, 232, 212



214, 228, 231



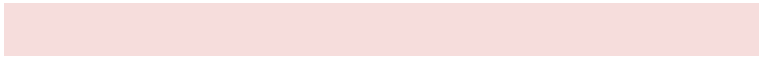
210, 222, 242

Rectangle

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



239, 222, 235



246, 221, 220



214, 228, 231



206, 219, 233

Sweetspot

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



239, 222, 235



255, 250, 254



226, 222, 239



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



239, 222, 235



255, 232, 250



239, 222, 227



120, 108, 117



184, 0, 140



56, 0, 43

Inverse Universe

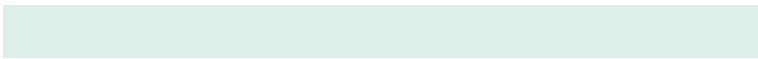
The Inverse Universe completely reimagines the original color for something new.



239, 222, 235



255, 232, 250



222, 232, 239



120, 108, 117



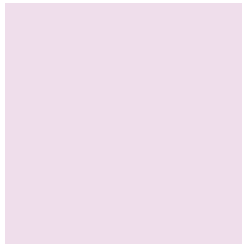
184, 0, 140



56, 0, 43

Previews

White Background



This preview shows how the RYB color 239, 222, 235 looks on a white background.

Color Contrast Check

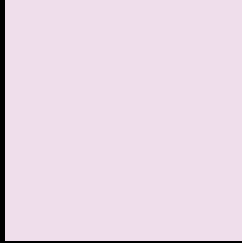
Large Text (above 18pt) WCAG AA × Fail

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 239, 222, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

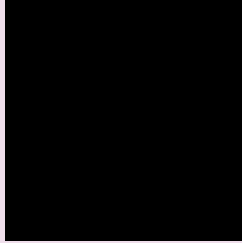
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

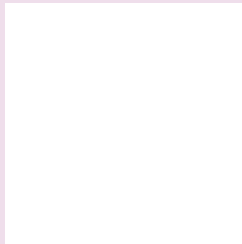
Any Text WCAG AAA ✓ Pass

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

RYB 239, 222, 235 Background



This preview shows how black text looks on a background with the RYB color 239, 222, 235.



This preview shows how white text looks on a background with the RYB color 239, 222, 235.

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

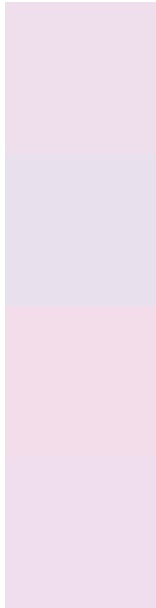
	Original Color 239, 222, 235
	Protanopia 228, 225, 237
	Deuteranopia 245, 220, 235



Tritanopia

240, 221, 239

Trichromacy



Original Color

239, 222, 235

Protanomaly

232, 224, 236

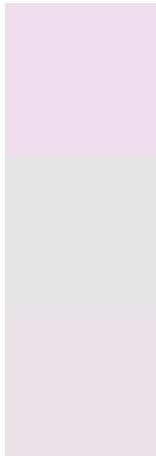
Deuteranomaly

243, 221, 235

Tritanomaly

240, 221, 238

Monochromacy



Original Color

239, 222, 235

Achromatopsia

229, 229, 229

Achromatomaly

233, 226, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 222, 235 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(239, 222, 235) looks like.

```
.text, #text, p{  
    color:rgb(239, 222, 235)  
}
```

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(239, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 222, 235) }
```

Border

The CSS property to change the border of an element to RYB 239, 222, 235 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(239, 222, 235) }
```

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

```
.border{ border-color:rgb(239, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 222,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 239, 222, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 222, 235) }
```

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

```
.background{ background-color: rgb(239,  
222, 235) }
```

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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