

Converting Colors

`RYB(235, 224, 241)`

Have a look what the booklet for
RYB(235, 224, 241) contains.

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Color

RYB(235, 224, 241)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | EBE0F1 |
| RGB | 235, 224, 241 |
| RGB Percent | 92%, 88%, 95% |
| CMY | 0.0784, 0.1216, 0.0549 |
| CMYK | 0.02, 0.07, 0.00, 0.05 |
| HSL | 279°, 38%, 91% |
| HSV | 279°, 7%, 95% |
| XYZ | 76.7938, 77.3244, 94.0967 |
| YIQ | 229.2270, 1.0990, 7.6190 |

Conversions

Conversions Part 2

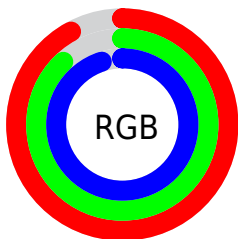
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 235, 224, 241 |
| Decimal | 15458545 |
| CIE Lab | 90.47, 6.77, -6.93 |
| CIE LCh | 90, 9.688, 314.307 |
| Yxy | 77.3244, 0.3094, 0.3115 |
| Android (android.graphics.Color) | 4293648625 (0xFFEBE0F1) |
| YUV | 229.2270, 5.8041, 5.0629 |
| Hunter-Lab | 87.9343, 2.0007, -1.8911 |

Details

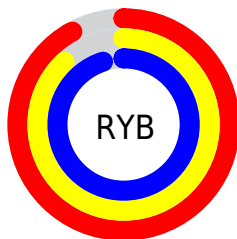
The RYB color **235, 224, 241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 241, 235**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 169, 185** is the 20% darker color. If you saturate the color by 10%, you get **226, 200, 241**, and if you desaturate by 10%, it is **241, 248, 245**.

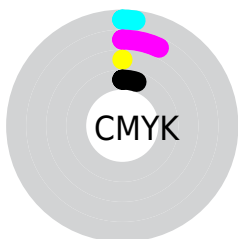
Distribution



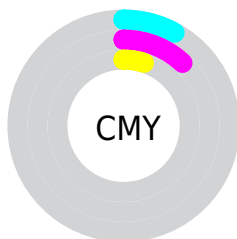
- Red (92%)
- Green (88%)
- Blue (95%)



- Red (92%)
- Yellow (88%)
- Blue (95%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 224, 241 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 235, 224, 241 by changing the saturation by 10% instead.

■ 235, 224, 241

255, 255, 255

■ 235, 224, 241

■ 207, 196, 213

■ 179, 169, 185

■ 152, 142, 158

■ 127, 117, 132

■ 101, 92, 107

■ 77, 69, 83

■ 55, 46, 60


■ 33, 26, 38

■ 11, 0, 17

 235, 224, 241

 235, 224, 241


 226, 200, 241


 241, 248, 245


 218, 176, 241


 241, 255, 244

 209, 152, 241

 241, 255, 241

 201, 128, 241

 192, 103, 241

 184, 79, 241

 175, 55, 241

 167, 31, 241

 158, 7, 241

Harmonies

Analogous

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



224, 227, 246



235, 224, 241



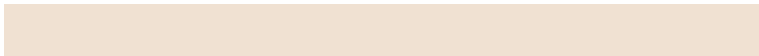
244, 222, 233

Triad

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



235, 224, 241



240, 240, 210



205, 219, 233

Complementary

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



235, 224, 241



224, 241, 235

Split Complementary

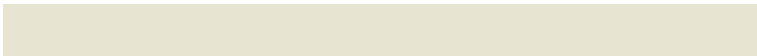
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211, 226, 233



235, 224, 241



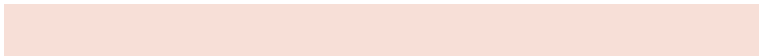
214, 231, 210

Square

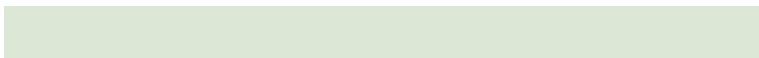
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 224, 241



247, 226, 215



214, 231, 225



206, 221, 240

Rectangle

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



235, 224, 241



247, 222, 227



214, 231, 225



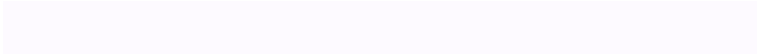
207, 221, 233

Sweetspot

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



235, 224, 241



253, 250, 255



224, 228, 241



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 224, 241



248, 235, 255



241, 224, 239



116, 108, 120



119, 0, 184



36, 0, 56

Inverse Universe

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



241, 224, 230



255, 235, 242



224, 239, 241



120, 108, 112



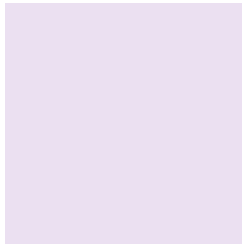
184, 0, 65



56, 0, 20

Previews

White Background



This preview shows how the RYB color 235, 224, 241 looks on a white background.

Color Contrast Check

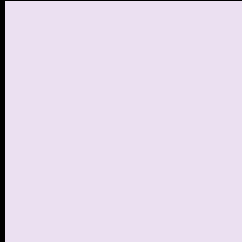
Large Text (above 18pt) WCAG AA × Fail

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 235, 224, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

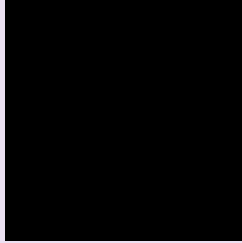
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

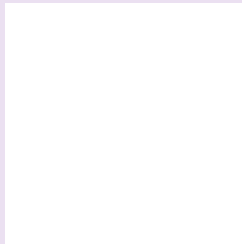
Any Text WCAG AAA ✓ Pass

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

RYB 235, 224, 241 Background



This preview shows how black text looks on a background with the RYB color 235, 224, 241.



This preview shows how white text looks on a background with the RYB color 235, 224, 241.

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
235, 224, 241

Protanopia
227, 226, 242

Deuteranopia
243, 221, 242



Tritanopia
235, 224, 242

Trichromacy



Original Color

235, 224, 241

Protanomaly

230, 225, 242

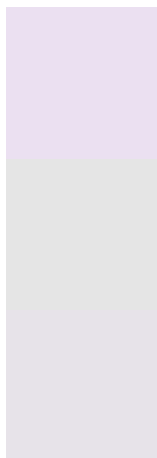
Deuteranomaly

240, 222, 242

Tritanomaly

235, 224, 242

Monochromacy



Original Color

235, 224, 241

Achromatopsia

229, 229, 229

Achromatomaly

231, 227, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 224, 241 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(235, 224, 241) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 241)  
}
```

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(235, 224, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 241) }
```

Border

The CSS property to change the border of an element to RYB 235, 224, 241 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(235, 224, 241) }
```

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

```
.border{ border-color:rgb(235, 224, 241) }
```

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

Here you see how a box with a 4 pixel rgb(235, 224, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 241);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 235, 224, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 241) }
```

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

```
.background{ background-color: rgb(235,  
224, 241) }
```

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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