

Converting Colors

`RYB(235, 218, 240)`

Have a look what the booklet for
RYB(235, 218, 240) contains.

RYB(235, 218, 240)	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(235, 218, 240)

Conversions

Conversions Part 1

Format	Color
Hex	EBDAF0
RGB	235, 218, 240
RGB Percent	92%, 85%, 94%
CMY	0.0784, 0.1451, 0.0588
CMYK	0.02, 0.09, 0.00, 0.06
HSL	286°, 42%, 90%
HSV	286°, 9%, 94%
XYZ	75.0605, 74.0962, 92.7840
YIQ	225.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

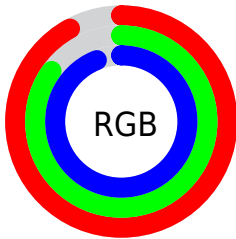
Format	Color
R_{YB}	235, 218, 240
Decimal	15457008
CIE Lab	88.97, 9.71, -8.63
CIE LCh	89, 12.996, 318.370
Yxy	74.0962, 0.3102, 0.3063
Android (android.graphics.Color)	4293647088 (0xFFE8DAF0)
YUV	225.5910, 7.1036, 8.2517
Hunter-Lab	86.0792, 5.0124, -3.6527

Details

The RYB color **235, 218, 240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 240, 235**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 163, 184** is the 20% darker color. If you saturate the color by 10%, you get **230, 194, 240**, and if you desaturate by 10%, it is **240, 242, 242**.

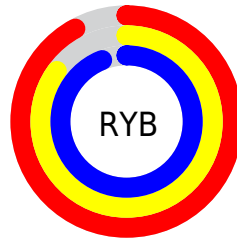
Distribution



Red (92%)

Green (85%)

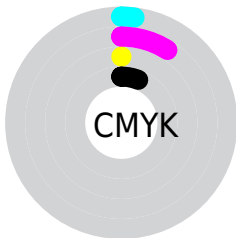
Blue (94%)



Red (92%)

Yellow (85%)

Blue (94%)

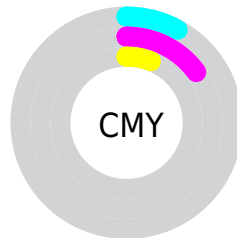


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (15%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 218, 240 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, 218, 240 by changing the saturation by 10% instead.

■ 235, 218, 240

255, 255, 255

■ 235, 218, 240

■ 207, 190, 212

■ 179, 163, 184

■ 152, 137, 157

■ 126, 111, 131

■ 101, 87, 106

■ 77, 64, 82


■ 54, 42, 59

■ 33, 21, 37

■ 6, 0, 16

 235, 218, 240

 235, 218, 240


 230, 194, 240


 240, 242, 242

 224, 170, 240

 240, 255, 249


 219, 146, 240

 240, 255, 244


 213, 122, 240

 240, 255, 240

 208, 98, 240

 202, 74, 240

 197, 50, 240

 191, 26, 240

 186, 2, 240

Harmonies

Analogous

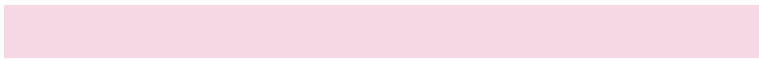
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 222, 247



235, 218, 240



246, 216, 229

Triad

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



235, 218, 240



232, 239, 199



193, 212, 231

Complementary

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



235, 218, 240



218, 240, 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.



199, 219, 231



235, 218, 240



200, 225, 200

Square

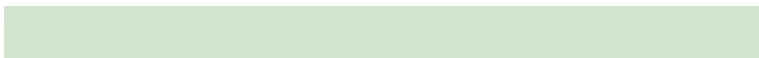
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



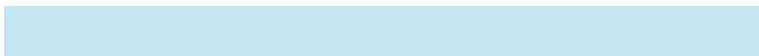
235, 218, 240



248, 222, 205



207, 228, 224



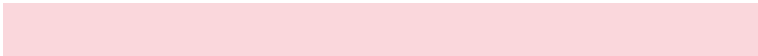
195, 215, 241

Rectangle

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



235, 218, 240



250, 215, 220



207, 228, 224



194, 214, 231

Sweetspot

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



235, 218, 240



253, 247, 255



218, 222, 240



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 218, 240



249, 227, 255



240, 218, 234



117, 108, 120



142, 0, 184



43, 0, 56

Inverse Universe

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



240, 218, 223



255, 227, 233



218, 235, 240



120, 108, 111



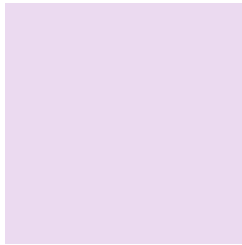
184, 0, 42



56, 0, 13

Previews

White Background



This preview shows how the RYB color 235, 218, 240 looks on a white background.

Color Contrast Check

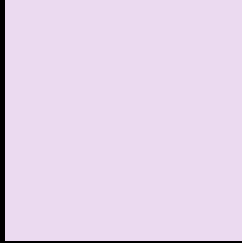
Large Text (above 18pt) WCAG AA × Fail

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, 218, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

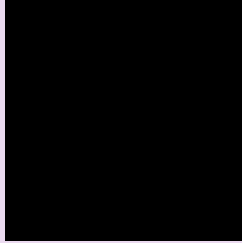
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

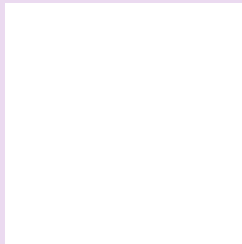
Any Text WCAG AAA ✓ Pass

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

RYB 235, 218, 240 Background



This preview shows how black text looks on a background with the RYB color 235, 218, 240.



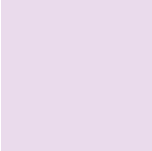
This preview shows how white text looks on a background with the RYB color 235, 218, 240.

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





Tritanopia

234, 219, 236

Trichromacy



Original Color

235, 218, 240

Protanomaly

227, 221, 241

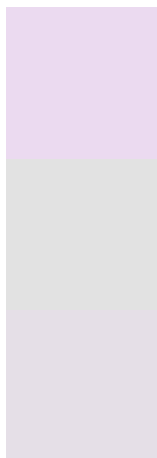
Deuteranomaly

237, 217, 240

Tritanomaly

234, 219, 237

Monochromacy



Original Color

235, 218, 240

Achromatopsia

226, 226, 226

Achromatomaly

229, 223, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 218, 240 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, 218, 240) looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 240)  
}
```

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, 218, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 240) }
```

Border

The CSS property to change the border of an element to RYB 235, 218, 240 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, 218, 240) }
```

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

```
.border{ border-color:rgb(235, 218, 240) }
```

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

Here you see how a box with a 4 pixel rgb(235, 218, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 235, 218, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 218, 240) }
```

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

```
.background{ background-color: rgb(235,  
218, 240) }
```

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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