

Converting Colors

`RYB(225, 222, 235)`

Have a look what the booklet for
RYB(225, 222, 235) contains.

RYB(225, 222, 235)	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(225, 222, 235)

Conversions

Conversions Part 1

Format	Color
Hex	E1DEEB
RGB	225, 222, 235
RGB Percent	88%, 87%, 92%
CMY	0.1176, 0.1294, 0.0784
CMYK	0.04, 0.06, 0.00, 0.08
HSL	254°, 25%, 90%
HSV	254°, 6%, 92%
XYZ	72.1680, 74.2483, 89.1249
YIQ	224.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

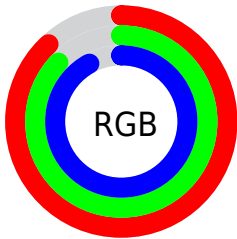
Format	Color
R _Y B	225, 222, 235
Decimal	14802667
CIE Lab	89.04, 3.39, -5.98
CIE LCh	89, 6.878, 299.535
Yxy	74.2483, 0.3064, 0.3152
Android (android.graphics.Color)	4292992747 (0xFFE1DEEB)
YUV	224.3790, 5.2362, 0.5446
Hunter-Lab	86.1674, -1.2935, -1.0078

Details

The RYB color `225, 222, 235` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `222, 235, 225`, and the grayscale version is `224, 224, 224`.

A 20% lighter version of the original color is `255, 255, 255`, and `170, 167, 179` is the 20% darker color. If you saturate the color by 10%, you get `207, 199, 235`, and if you desaturate by 10%, it is `235, 246, 238`.

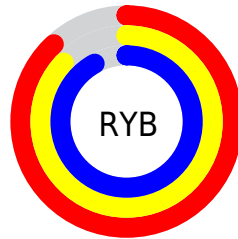
Distribution



Red (88%)

Green (87%)

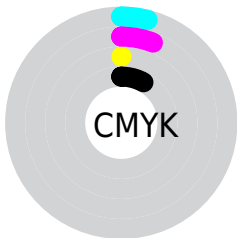
Blue (92%)



Red (88%)

Yellow (87%)

Blue (92%)

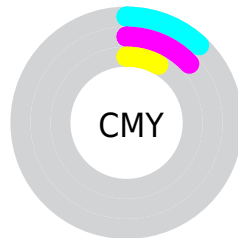


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 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 225, 222, 235 by changing the saturation by 10% instead.

■ 225, 222, 235

255, 255, 255

■ 225, 222, 235

■ 197, 194, 207

■ 170, 167, 179

■ 143, 141, 153

■ 118, 115, 127

■ 93, 91, 102

■ 69, 67, 78


■ 47, 45, 55

■ 26, 24, 34

■ 0, 0, 11

 225, 222, 235


 225, 222, 235


 207, 199, 235

 235, 246, 238

 189, 175, 235

 235, 255, 235

 171, 152, 235


 153, 128, 235

 135, 105, 235

 117, 81, 235

 98, 58, 235

 80, 34, 235

 62, 11, 235

Harmonies

Analogous

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



217, 222, 237



225, 222, 235



232, 220, 230

Triad

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



225, 222, 235



235, 226, 213



209, 220, 228

Complementary

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



225, 222, 235



222, 235, 225

Split Complementary

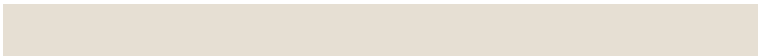
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215, 225, 227



225, 222, 235



222, 230, 211

Square

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



225, 222, 235



238, 221, 217



212, 225, 215



208, 218, 230

Rectangle

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



225, 222, 235



236, 220, 226



212, 225, 215



211, 222, 228

Sweetspot

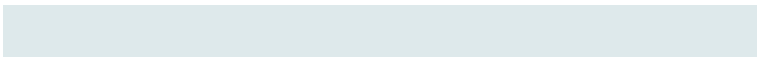
The Sweet Spot groups the original color and five complimentary colors.



225, 222, 235



251, 250, 255



222, 228, 235



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 222, 235



241, 237, 255



231, 222, 235



110, 108, 117



42, 0, 181



12, 0, 54

Inverse Universe

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



235, 222, 232



255, 237, 251



222, 235, 231



117, 108, 115



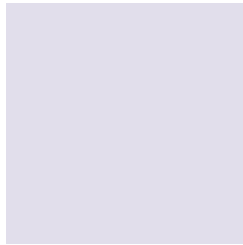
181, 0, 139



54, 0, 41

Previews

White Background



This preview shows how the RYB color 225, 222, 235 looks on a white background.

Color Contrast Check

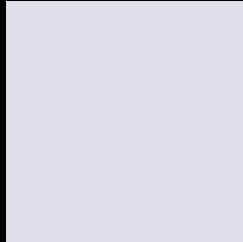
Large Text (above 18pt) WCAG AA × Fail

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 225, 222, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

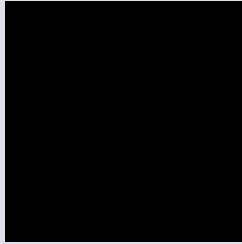
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

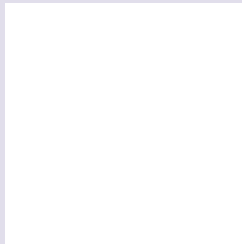
Any Text WCAG AAA ✓ Pass

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

RYP 225, 222, 235 Background



This preview shows how black text looks on a background with the RYB color 225, 222, 235.



This preview shows how white text looks on a background with the RYB color 225, 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](#).

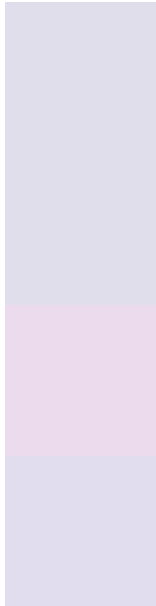
Dichromacy

	Original Color 225, 222, 235
	Protanopia 224, 222, 235
	Deuteranopia 240, 217, 236



Tritanopia
226, 221, 239

Trichromacy



Original Color

225, 222, 235

Protanomaly

224, 222, 235

Deuteranomaly

235, 219, 236

Tritanomaly

226, 221, 238

Monochromacy



Original Color

225, 222, 235

Achromatopsia

224, 224, 224

Achromatomaly

224, 223, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 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(225, 222, 235) looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 222, 235) }
```

Border

The CSS property to change the border of an element to RYB 225, 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(225, 222, 235) }
```

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

```
.border{ border-color:rgb(225, 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(225, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(225, 222,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 225, 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(225, 222, 235) }
```

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

```
.background{ background-color: rgb(225,  
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](#).

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