

Converting Colors

`RYB(237, 225, 247)`

Have a look what the booklet for RYB(237, 225, 247) contains.

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Color

R_YB(237, 225, 247)

Conversions

Conversions Part 1

Format	Color
Hex	EDE1F7
RGB	237, 225, 247
RGB Percent	93%, 88%, 97%
CMY	0.0706, 0.1176, 0.0314
CMYK	0.04, 0.09, 0.00, 0.03
HSL	273°, 58%, 93%
HSV	273°, 9%, 97%
XYZ	78.6388, 78.5704, 99.0166
YIQ	231.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

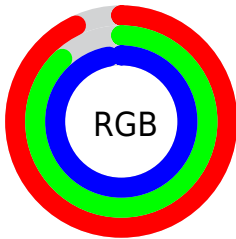
Format	Color
R _Y B	237, 225, 247
Decimal	15589879
CIE Lab	91.04, 8.02, -9.22
CIE LCh	91, 12.214, 311.014
Yxy	78.5704, 0.3069, 0.3066
Android (android.graphics.Color)	4293779959 (0xFFEDE1F7)
YUV	231.0960, 7.8407, 5.1778
Hunter-Lab	88.6399, 3.2402, -4.1829

Details

The RYB color **237, 225, 247** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **225, 247, 237**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 170, 191** is the 20% darker color. If you saturate the color by 10%, you get **226, 200, 247**, and if you desaturate by 10%, it is **247, 250, 249**.

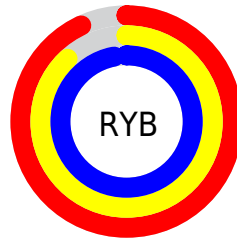
Distribution



Red (93%)

Green (88%)

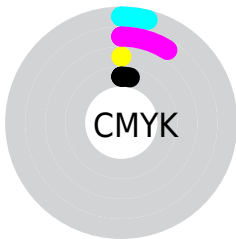
Blue (97%)



Red (93%)

Yellow (88%)

Blue (97%)

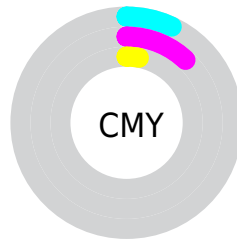


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (7%)

Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 225, 247 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 237, 225, 247 by changing the saturation by 10% instead.

■ 237, 225, 247

255, 255, 255

■ 237, 225, 247

■ 209, 197, 218

■ 181, 170, 191

■ 154, 143, 164

■ 128, 118, 137

■ 103, 93, 112

■ 79, 69, 87

■ 56, 47, 64

■ 34, 26, 42

■ 14, 0, 22

237, 225, 247

237, 225, 247

226, 200, 247

247, 250, 249

215, 176, 247

247, 255, 247

203, 151, 247

192, 126, 247

181, 101, 247

170, 77, 247

158, 52, 247

147, 27, 247

136, 3, 247

Harmonies

Analogous

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



222, 228, 252



237, 225, 247



249, 222, 237

Triad

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



237, 225, 247



246, 244, 207



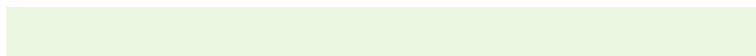
201, 219, 236

Complementary

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



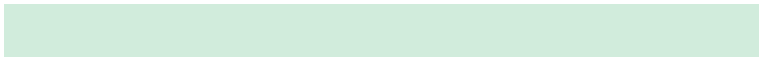
237, 225, 247



225, 247, 237

Split Complementary

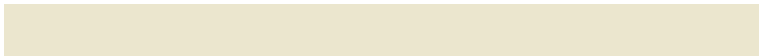
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209, 228, 236



237, 225, 247



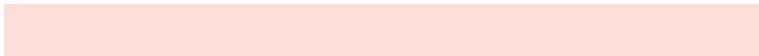
212, 235, 206

Square

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



237, 225, 247



254, 226, 214



211, 233, 223



201, 220, 244

Rectangle

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



237, 225, 247



253, 221, 229



211, 233, 223



203, 221, 236

Sweetspot

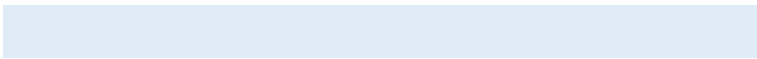
The Sweet Spot groups the original color and five complimentary colors.



237, 225, 247



252, 247, 255



225, 232, 247



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



237, 225, 247



242, 227, 255



247, 225, 246



117, 110, 122



102, 0, 186



32, 0, 59

Inverse Universe

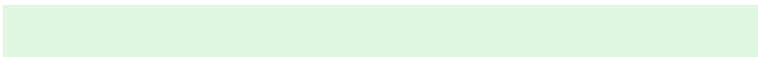
The Inverse Universe completely reimagines the original color for something new.



247, 225, 235



255, 227, 240



225, 246, 247



122, 110, 116



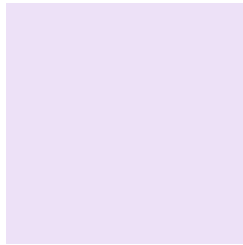
186, 0, 85



59, 0, 27

Previews

White Background



This preview shows how the RYB color 237, 225, 247 looks on a white background.

Color Contrast Check

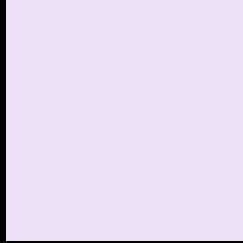
Large Text (above 18pt) WCAG AA × Fail

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 237, 225, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

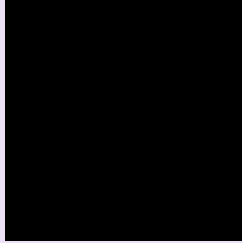
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

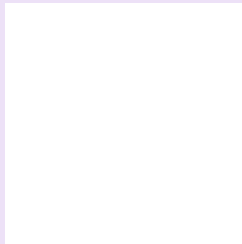
Any Text WCAG AAA ✓ Pass

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

RYB 237, 225, 247 Background



This preview shows how black text looks on a background with the RYB color 237, 225, 247.

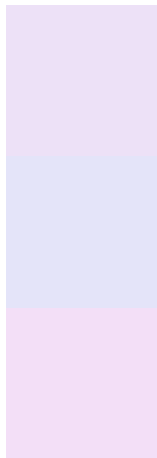


This preview shows how white text looks on a background with the RYB color 237, 225, 247.

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
237, 225, 247

Protanopia
228, 228, 249

Deuteranopia
243, 223, 247



Tritanopia
236, 226, 243

Trichromacy



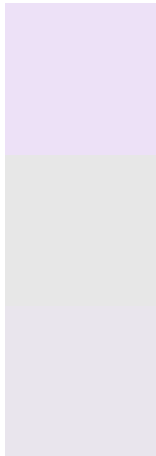
Original Color
237, 225, 247

Protanomaly
231, 227, 248

Deuteranomaly
241, 224, 247

Tritanomaly
236, 226, 244

Monochromacy



Original Color
237, 225, 247

Achromatopsia
231, 231, 231

Achromatomaly
233, 229, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 225, 247 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(237, 225, 247) looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 247)  
}
```

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(237, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 247) }
```

Border

The CSS property to change the border of an element to RYB 237, 225, 247 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(237, 225, 247) }
```

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

```
.border{ border-color:rgb(237, 225, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 225, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 237, 225, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 247) }
```

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

```
.background{ background-color: rgb(237,  
225, 247) }
```

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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