

Converting Colors

RGB(235, 222, 237)

Have a look what the booklet for
RGB(235, 222, 237) contains.

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Color

RGB(235, 222, 237)

Conversions

Conversions Part 1

Format	Color
Hex	EBDEED
RGB	235, 222, 237
RGB Percent	92%, 87%, 93%
CMY	0.0784, 0.1294, 0.0706
CMYK	0.01, 0.06, 0.00, 0.07
HSL	292°, 29%, 90%
HSV	292°, 6%, 93%
XYZ	75.6683, 76.0191, 90.8058
YIQ	227.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

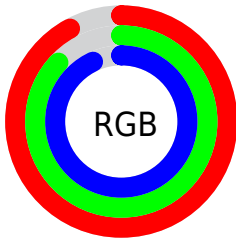
Format	Color
R _Y B	235, 222, 237
Decimal	15458029
CIE Lab	89.87, 7.08, -5.72
CIE LCh	90, 9.103, 321.035
Yxy	76.0191, 0.3120, 0.3135
Android (android.graphics.Color)	4293648109 (0xFFEBDEED)
YUV	227.5970, 4.6357, 6.4924
Hunter-Lab	87.1890, 2.3333, -0.7172

Details

The RGB color **235, 222, 237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224, 237, 222**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 167, 181** is the 20% darker color. If you saturate the color by 10%, you get **232, 198, 237**, and if you desaturate by 10%, it is **238, 246, 237**.

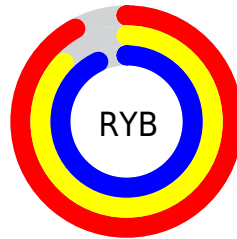
Distribution



Red (92%)

Green (87%)

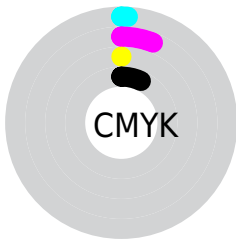
Blue (93%)



Red (92%)

Yellow (87%)

Blue (93%)

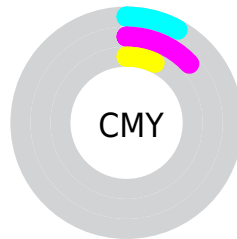


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 222, 237 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 RGB color 235, 222, 237 by changing the saturation by 10% instead.

■ 235, 222, 237

255, 255, 255

■ 235, 222, 237

■ 207, 194, 209

■ 179, 167, 181

■ 152, 141, 154

■ 127, 115, 128

■ 101, 90, 103

■ 77, 67, 79


■ 55, 45, 56

■ 33, 24, 35


■ 11, 0, 13


 235, 222, 237

 235, 222, 237

 232, 198, 237


 238, 246, 237

 229, 175, 237

 241, 255, 237


 226, 151, 237

 244, 255, 237

 222, 127, 237


 248, 255, 237

 219, 103, 237

 251, 255, 237

 216, 80, 237

 254, 255, 237

 213, 56, 237

 255, 255, 237

 210, 32, 237

 207, 9, 237

Harmonies

Analogous

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



225, 225, 242



235, 222, 237



242, 220, 229

Triad

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



235, 222, 237



236, 224, 209



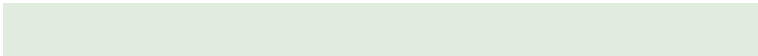
205, 231, 232

Complementary

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



235, 222, 237



224, 237, 222

Split Complementary

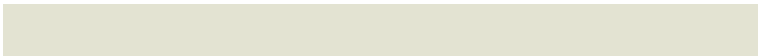
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



208, 231, 223



235, 222, 237



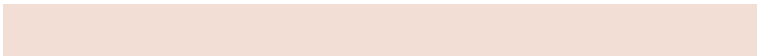
227, 227, 210

Square

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



235, 222, 237



243, 222, 213



217, 230, 215



207, 230, 239

Rectangle

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



235, 222, 237



245, 220, 223



217, 230, 215



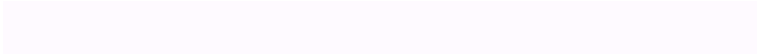
205, 231, 229

Sweetspot

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



235, 222, 237



254, 250, 255



222, 224, 237



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 222, 237



252, 235, 255



237, 222, 232



116, 106, 117



157, 0, 181



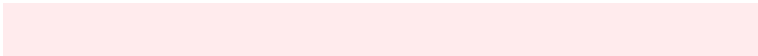
46, 0, 54

Inverse Universe

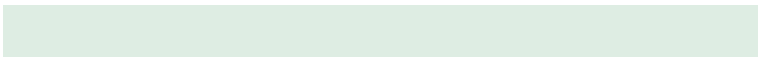
The Inverse Universe completely reimagines the original color for something new.



237, 222, 224



255, 235, 237



222, 237, 227



117, 106, 107



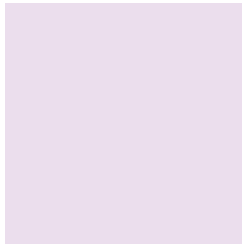
181, 0, 24



54, 0, 7

Previews

White Background



This preview shows how the RGB color 235, 222, 237 looks on a white background.

Color Contrast Check

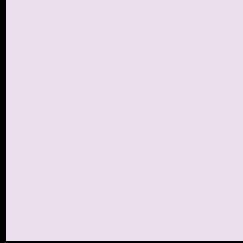
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 235, 222, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

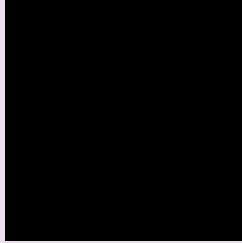
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

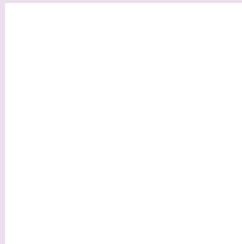
Any Text WCAG AAA ✓ Pass

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

RGB 235, 222, 237 Background



This preview shows how black text looks on a background with the RGB color 235, 222, 237.

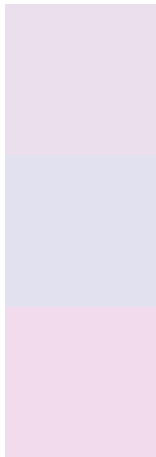


This preview shows how white text looks on a background with the RGB color 235, 222, 237.

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, 222, 237

Protanopia
226, 225, 239

Deuteranopia
243, 219, 238



Tritanopia
235, 222, 239

Trichromacy



Original Color

235, 222, 237

Protanomaly

229, 224, 238

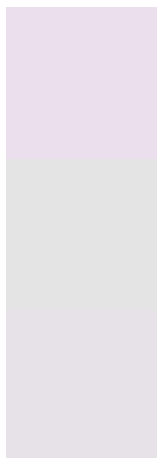
Deuteranomaly

240, 220, 238

Tritanomaly

235, 222, 238

Monochromacy



Original Color

235, 222, 237

Achromatopsia

228, 228, 228

Achromatomaly

231, 226, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 222, 237 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, 222, 237) looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 237)  
}
```

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, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 237) }
```

Border

The CSS property to change the border of an element to RGB 235, 222, 237 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, 222, 237) }
```

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

```
.border{ border-color:rgb(235, 222, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 222, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 235, 222, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 222, 237) }
```

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

```
.background{ background-color: rgb(235,  
222, 237) }
```

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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