

Converting Colors

RGB(227, 225, 237)

Have a look what the booklet for
RGB(227, 225, 237) contains.

RGB(227, 225, 237)	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

RGB(227, 225, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E3E1ED
RGB	227, 225, 237
RGB Percent	89%, 88%, 93%
CMY	0.1098, 0.1176, 0.0706
CMYK	0.04, 0.05, 0.00, 0.07
HSL	250°, 25%, 91%
HSV	250°, 5%, 93%
XYZ	73.8898, 76.2957, 90.9529
YIQ	226.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

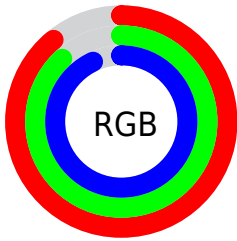
Format	Color
R _Y B	227, 225, 237
Decimal	14934509
CIE Lab	90.00, 2.87, -5.60
CIE LCh	90, 6.295, 297.079
Yxy	76.2957, 0.3064, 0.3164
Android (android.graphics.Color)	4293124589 (0xFFE3E1ED)
YUV	226.9660, 4.9468, 0.0298
Hunter-Lab	87.3474, -1.8595, -0.5941

Details

The RGB color `227, 225, 237` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `235, 237, 225`, and the grayscale version is `227, 227, 227`.

A 20% lighter version of the original color is `255, 255, 255`, and `172, 170, 181` is the 20% darker color. If you saturate the color by 10%, you get `207, 201, 237`, and if you desaturate by 10%, it is `247, 249, 237`.

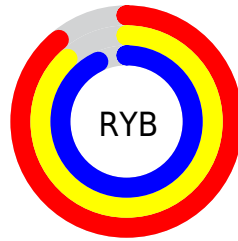
Distribution



Red (89%)

Green (88%)

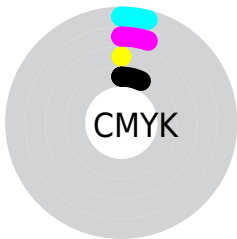
Blue (93%)



Red (89%)

Yellow (88%)

Blue (93%)

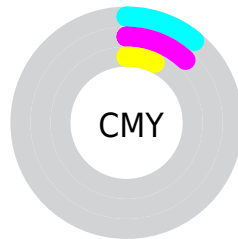


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 225, 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 227, 225, 237 by changing the saturation by 10% instead.

■ 227, 225, 237

255, 255, 255

■ 227, 225, 237

■ 199, 197, 209

■ 172, 170, 181

■ 145, 143, 154

■ 119, 118, 128

■ 95, 93, 103

■ 71, 70, 79

■ 49, 47, 56

■ 28, 27, 35

■ 1, 0, 13

 227, 225, 237

 227, 225, 237

 207, 201, 237

 247, 249, 237


 187, 178, 237

 255, 255, 237

 168, 154, 237

 148, 130, 237

 128, 106, 237

 108, 83, 237

 89, 59, 237

 69, 35, 237

 49, 12, 237

Harmonies

Analogous

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



220, 227, 238



227, 225, 237



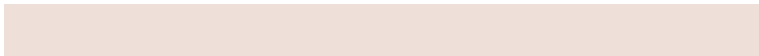
234, 223, 233

Triad

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



227, 225, 237



238, 224, 216



214, 230, 225

Complementary

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



227, 225, 237



235, 237, 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.



219, 229, 220



227, 225, 237



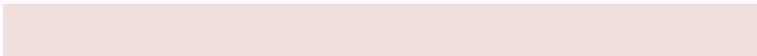
232, 226, 214

Square

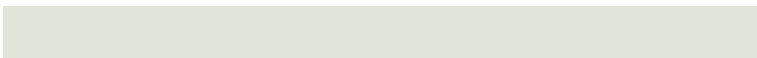
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227, 225, 237



240, 223, 221



225, 228, 216



212, 230, 232

Rectangle

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



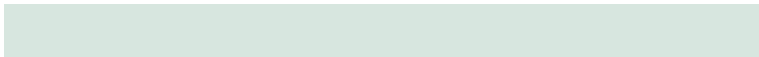
227, 225, 237



237, 223, 229



225, 228, 216



215, 230, 223

Sweetspot

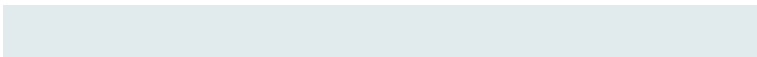
The Sweet Spot groups the original color and five complimentary colors.



227, 225, 237



251, 250, 255



225, 235, 237



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 225, 237



242, 240, 255



233, 225, 237



110, 109, 117



30, 0, 181



9, 0, 54

Inverse Universe

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



237, 225, 235



255, 240, 252



229, 237, 225



117, 109, 116



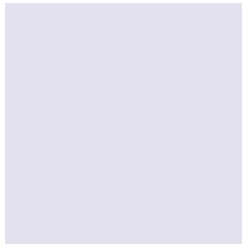
181, 0, 151



54, 0, 45

Previews

White Background



This preview shows how the RGB color 227, 225, 237 looks on a white background.

Color Contrast Check

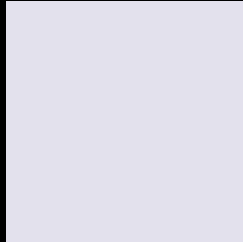
Large Text (above 18pt) WCAG AA × Fail

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 227, 225, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

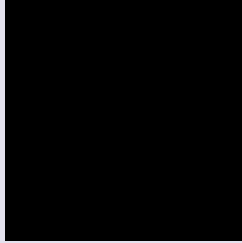
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

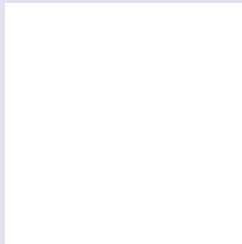
Any Text WCAG AAA ✓ Pass

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

RGB 227, 225, 237 Background



This preview shows how black text looks on a background with the RGB color 227, 225, 237.

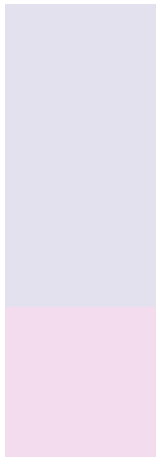


This preview shows how white text looks on a background with the RGB color 227, 225, 237.

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
227, 225, 237

Protanopia
227, 225, 237

Deuteranopia
243, 220, 238



Tritanopia
228, 224, 242

Trichromacy



Original Color

227, 225, 237

Protanomaly

227, 225, 237

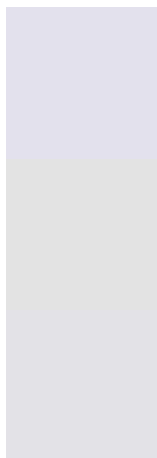
Deuteranomaly

237, 222, 238

Tritanomaly

228, 224, 240

Monochromacy



Original Color

227, 225, 237

Achromatopsia

227, 227, 227

Achromatomaly

227, 226, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 225, 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(227, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 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(227, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 237) }
```

Border

The CSS property to change the border of an element to RGB 227, 225, 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(227, 225, 237) }
```

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

```
.border{ border-color:rgb(227, 225, 237) }
```

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

Here you see how a box with a 4 pixel rgb(227, 225, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(227, 225,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 227, 225, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 237) }
```

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

```
.background{ background-color: rgb(227,  
225, 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](#).

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