

Converting Colors

RGB(234, 227, 236)

Have a look what the booklet for
RGB(234, 227, 236) contains.

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Color

RGB(234, 227, 236)

Conversions

Conversions Part 1

Format	Color
Hex	EAE3EC
RGB	234, 227, 236
RGB Percent	92%, 89%, 93%
CMY	0.0824, 0.1098, 0.0745
CMYK	0.01, 0.04, 0.00, 0.07
HSL	287°, 19%, 91%
HSV	287°, 4%, 93%
XYZ	76.5411, 78.4867, 90.4722
YIQ	230.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

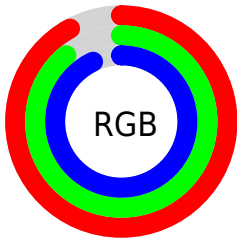
Format	Color
R _Y B	234, 227, 236
Decimal	15393772
CIE Lab	91.00, 3.97, -3.54
CIE LCh	91, 5.317, 318.265
Yxy	78.4867, 0.3118, 0.3197
Android (android.graphics.Color)	4293583852 (0xFFEAE3EC)
YUV	230.1190, 2.8993, 3.4036
Hunter-Lab	88.5927, -0.8194, 1.4671

Details

The RGB color **234, 227, 236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **229, 236, 227**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 172, 180** is the 20% darker color. If you saturate the color by 10%, you get **229, 203, 236**, and if you desaturate by 10%, it is **239, 251, 236**.

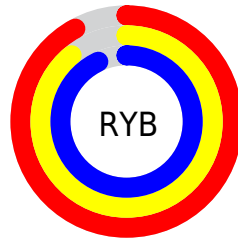
Distribution



Red (92%)

Green (89%)

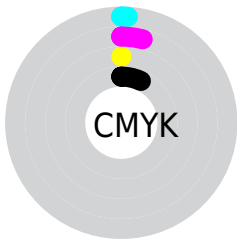
Blue (93%)



Red (92%)

Yellow (89%)

Blue (93%)

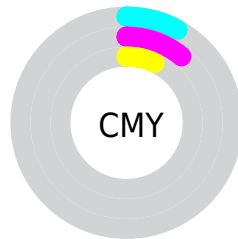


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 227, 236 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 234, 227, 236 by changing the saturation by 10% instead.

■ 234, 227, 236

255, 255, 255

■ 234, 227, 236

■ 206, 199, 208

■ 178, 172, 180

■ 152, 145, 153

■ 126, 119, 128

■ 101, 95, 102

■ 77, 71, 79

■ 54, 49, 56

■ 33, 28, 34


■ 10, 1, 12

 234, 227, 236

 234, 227, 236

 229, 203, 236

 239, 251, 236

 224, 180, 236


 244, 255, 236

 218, 156, 236


 250, 255, 236

 213, 133, 236

 255, 255, 236

 208, 109, 236

 255, 255, 236

 203, 85, 236

 197, 62, 236

 192, 38, 236

 187, 15, 236

Harmonies

Analogous

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



228, 229, 239



234, 227, 236



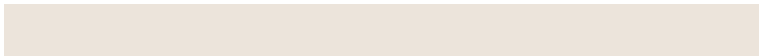
239, 226, 231

Triad

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



234, 227, 236



236, 228, 219



217, 232, 232

Complementary

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



234, 227, 236



229, 236, 227

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, 232, 227



234, 227, 236



230, 230, 220

Square

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



234, 227, 236



240, 227, 222



224, 231, 222



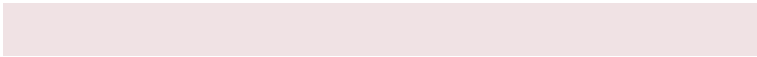
218, 232, 237

Rectangle

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



234, 227, 236



240, 226, 228



224, 231, 222



218, 232, 230

Sweetspot

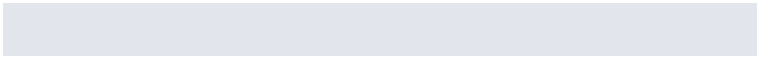
The Sweet Spot groups the original color and five complimentary colors.



234, 227, 236



254, 252, 255



227, 229, 236



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 227, 236



252, 242, 255



236, 227, 234



116, 110, 117



141, 0, 181



42, 0, 54

Inverse Universe

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



236, 227, 229



255, 242, 245



227, 236, 229



117, 110, 112



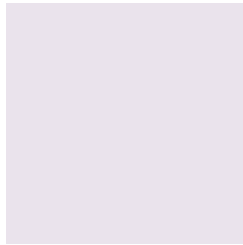
181, 0, 40



54, 0, 12

Previews

White Background



This preview shows how the RGB color 234, 227, 236 looks on a white background.

Color Contrast Check

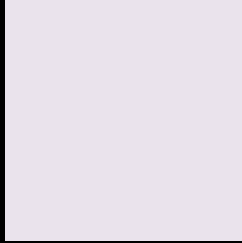
Large Text (above 18pt) WCAG AA × Fail

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 234, 227, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

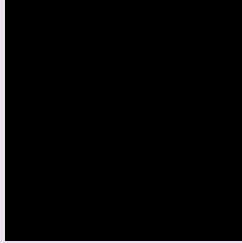
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

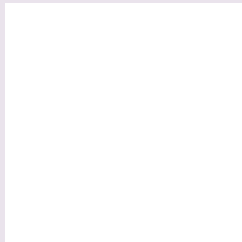
Any Text WCAG AAA ✓ Pass

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

RGB 234, 227, 236 Background



This preview shows how black text looks on a background with the RGB color 234, 227, 236.

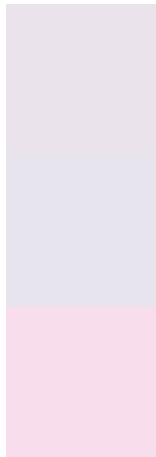


This preview shows how white text looks on a background with the RGB color 234, 227, 236.

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
234, 227, 236

Protanopia
231, 228, 237

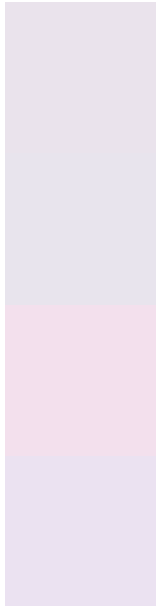
Deuteranopia
248, 222, 237



Tritanopia

235, 226, 244

Trichromacy



Original Color

234, 227, 236

Protanomaly

232, 228, 237

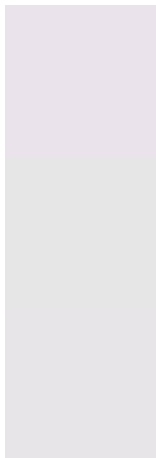
Deuteranomaly

243, 224, 237

Tritanomaly

235, 226, 241

Monochromacy



Original Color

234, 227, 236

Achromatopsia

230, 230, 230

Achromatomaly

231, 229, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 227, 236 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(234, 227, 236) looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 236)  
}
```

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(234, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 236) }
```

Border

The CSS property to change the border of an element to RGB 234, 227, 236 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(234, 227, 236) }
```

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

```
.border{ border-color:rgb(234, 227, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 227, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 234, 227, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 236) }
```

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

```
.background{ background-color: rgb(234,  
227, 236) }
```

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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