

Converting Colors

RGB(233, 219, 236)

Have a look what the booklet for
RGB(233, 219, 236) contains.

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Color

RGB(233, 219, 236)

Conversions

Conversions Part 1

Format	Color
Hex	E9DBEC
RGB	233, 219, 236
RGB Percent	91%, 86%, 93%
CMY	0.0863, 0.1412, 0.0745
CMYK	0.01, 0.07, 0.00, 0.07
HSL	289°, 31%, 89%
HSV	289°, 7%, 93%
XYZ	74.0761, 74.0428, 89.7443
YIQ	225.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

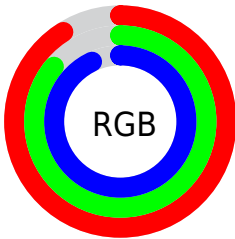
Format	Color
R _Y B	233, 219, 236
Decimal	15326188
CIE Lab	88.94, 7.79, -6.58
CIE LCh	89, 10.202, 319.811
Yxy	74.0428, 0.3114, 0.3113
Android (android.graphics.Color)	4293516268 (0xFFE9DBEC)
YUV	225.1240, 5.3619, 6.9073
Hunter-Lab	86.0481, 3.0808, -1.6031

Details

The RGB color **233, 219, 236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 236, 219**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 164, 180** is the 20% darker color. If you saturate the color by 10%, you get **229, 195, 236**, and if you desaturate by 10%, it is **237, 243, 236**.

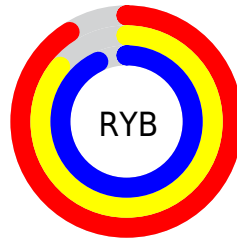
Distribution



Red (91%)

Green (86%)

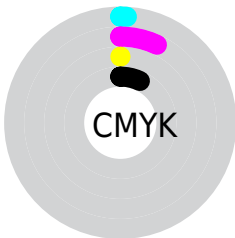
Blue (93%)



Red (91%)

Yellow (86%)

Blue (93%)

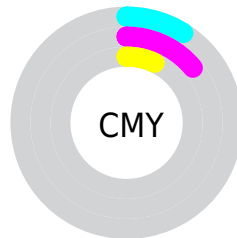


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (14%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 219, 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 233, 219, 236 by changing the saturation by 10% instead.

■ 233, 219, 236

255, 255, 255

■ 233, 219, 236

■ 205, 191, 208

■ 177, 164, 180

■ 151, 138, 153

■ 125, 112, 127

■ 100, 88, 102

■ 76, 65, 78


■ 53, 43, 56

■ 32, 22, 34

■ 3, 0, 12

 233, 219, 236


 233, 219, 236

 229, 195, 236


 237, 243, 236

 225, 172, 236


 241, 255, 236

 221, 148, 236


 245, 255, 236

 216, 125, 236


 250, 255, 236

 212, 101, 236

 254, 255, 236

 208, 77, 236

 255, 255, 236

 204, 54, 236

 200, 30, 236

 196, 7, 236

Harmonies

Analogous

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



221, 222, 242



233, 219, 236



241, 217, 227

Triad

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



233, 219, 236



235, 222, 204



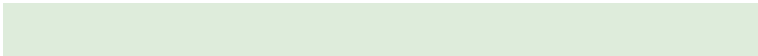
200, 229, 230

Complementary

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



233, 219, 236



222, 236, 219

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.



204, 229, 220



233, 219, 236



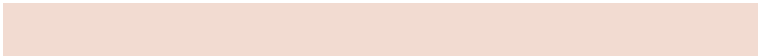
224, 225, 205

Square

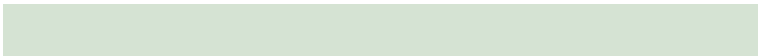
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233, 219, 236



242, 219, 209



213, 227, 211



202, 228, 238

Rectangle

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



233, 219, 236



244, 217, 220



213, 227, 211



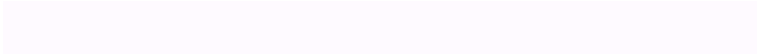
200, 229, 226

Sweetspot

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



233, 219, 236



254, 250, 255



219, 222, 236



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 219, 236



251, 232, 255



236, 219, 231



115, 106, 117



149, 0, 181



44, 0, 54

Inverse Universe

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



236, 219, 222



255, 232, 236



219, 236, 224



117, 106, 108



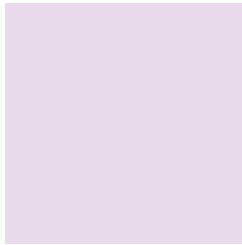
181, 0, 32



54, 0, 9

Previews

White Background



This preview shows how the RGB color 233, 219, 236 looks on a white background.

Color Contrast Check

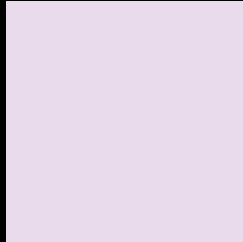
Large Text (above 18pt) WCAG AA × Fail

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 233, 219, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

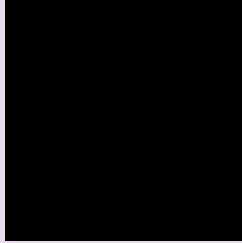
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

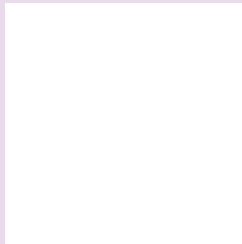
Any Text WCAG AAA ✓ Pass

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

RGB 233, 219, 236 Background



This preview shows how black text looks on a background with the RGB color 233, 219, 236.



This preview shows how white text looks on a background with the RGB color 233, 219, 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](#).

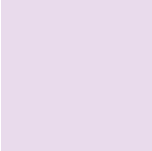
Dichromacy



Original Color
[233](#), [219](#), [236](#)

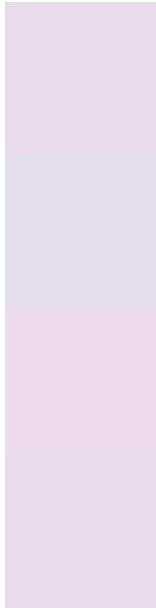
Protanopia
[223](#), [222](#), [238](#)

Deuteranopia
[239](#), [217](#), [236](#)



Tritanopia
233, 219, 236

Trichromacy



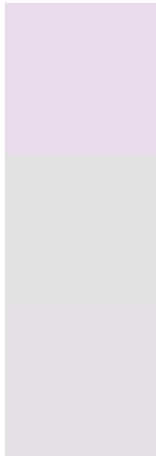
Original Color
233, 219, 236

Protanomaly
227, 221, 237

Deuteranomaly
237, 218, 236

Tritanomaly
233, 219, 236

Monochromacy



Original Color
233, 219, 236

Achromatopsia
225, 225, 225

Achromatomaly
228, 223, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 219, 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(233, 219, 236) looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 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(233, 219, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 236) }
```

Border

The CSS property to change the border of an element to RGB 233, 219, 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(233, 219, 236) }
```

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

```
.border{ border-color:rgb(233, 219, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 219, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 219, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 219, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 219,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 233, 219, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 236) }
```

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

```
.background{ background-color: rgb(233,  
219, 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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