

Converting Colors

RGB(223, 227, 239)

Have a look what the booklet for
RGB(223, 227, 239) contains.

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Color

RGB(223, 227, 239)

Conversions

Conversions Part 1

Format	Color
Hex	DFE3EF
RGB	223, 227, 239
RGB Percent	87%, 89%, 94%
CMY	0.1255, 0.1098, 0.0627
CMYK	0.07, 0.05, 0.00, 0.06
HSL	225°, 33%, 91%
HSV	225°, 7%, 94%
XYZ	73.4805, 76.8581, 92.6236
YIQ	227.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

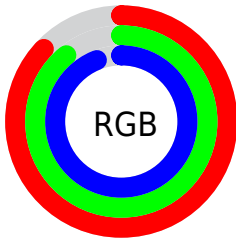
Format	Color
R _Y B	223, 226, 239
Decimal	14672879
CIE Lab	90.26, 0.90, -6.30
CIE LCh	90, 6.366, 278.083
Yxy	76.8581, 0.3024, 0.3163
Android (android.graphics.Color)	4292862959 (0xFFDFE3EF)
YUV	227.1720, 5.8312, -3.6588
Hunter-Lab	87.6688, -3.8087, -1.2728

Details

The RGB color **223, 227, 239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **239, 235, 223**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 172, 183** is the 20% darker color. If you saturate the color by 10%, you get **199, 209, 239**, and if you desaturate by 10%, it is **247, 245, 239**.

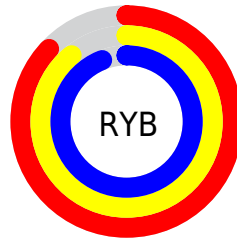
Distribution



Red (87%)

Green (89%)

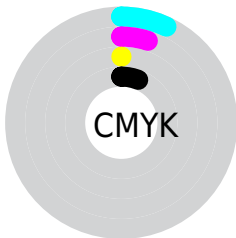
Blue (94%)



Red (87%)

Yellow (89%)

Blue (94%)

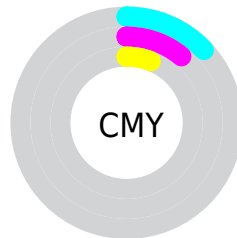


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 227, 239 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 223, 227, 239 by changing the saturation by 10% instead.

■ 223, 227, 239

255, 255, 255

■ 223, 227, 239

■ 195, 199, 211

■ 168, 172, 183

■ 141, 145, 156

■ 116, 120, 130

■ 91, 95, 105

■ 68, 71, 81

■ 45, 49, 58

■ 25, 28, 36


■ 0, 1, 15

 223, 227, 239


 223, 227, 239


 199, 209, 239


 247, 245, 239


 175, 191, 239


 255, 255, 239

 151, 173, 239

 127, 155, 239

 104, 137, 239

 80, 119, 239

 56, 102, 239

 32, 84, 239

 8, 66, 239

Harmonies

Analogous

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



216, 229, 238



223, 227, 239



230, 225, 237

Triad

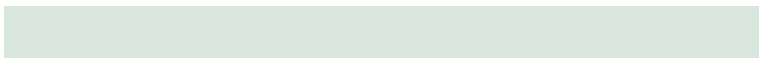
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223, 227, 239



240, 224, 220



217, 230, 222

Complementary

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



223, 227, 239



239, 235, 223

Split Complementary

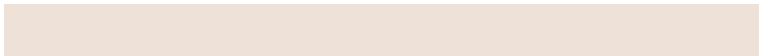
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223, 229, 217



223, 227, 239



237, 225, 216

Square

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



223, 227, 239



240, 223, 226



231, 227, 215



213, 231, 229

Rectangle

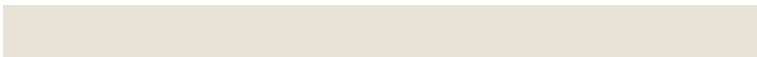
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223, 227, 239



235, 224, 234



231, 227, 215



219, 230, 220

Sweetspot

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



223, 227, 239



250, 251, 255



223, 239, 235



125, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 227, 239



235, 240, 255



227, 223, 239



108, 111, 120



0, 46, 184



0, 14, 56

Inverse Universe

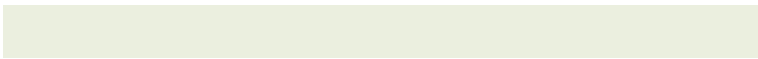
The Inverse Universe completely reimagines the original color for something new.



239, 223, 227



255, 235, 240



235, 239, 223



120, 108, 111



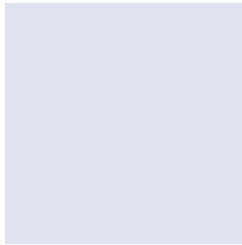
184, 0, 46



56, 0, 14

Previews

White Background



This preview shows how the RGB color 223, 227, 239 looks on a white background.

Color Contrast Check

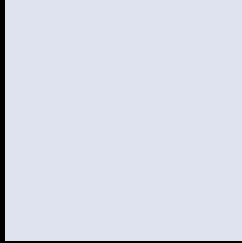
Large Text (above 18pt) WCAG AA × Fail

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 223, 227, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

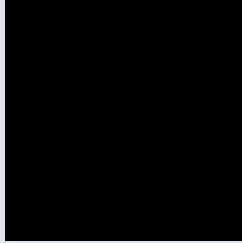
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

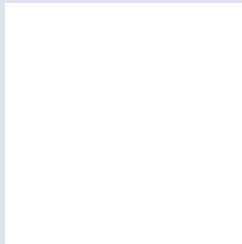
Any Text WCAG AAA ✓ Pass

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

RGB 223, 227, 239 Background



This preview shows how black text looks on a background with the RGB color 223, 227, 239.

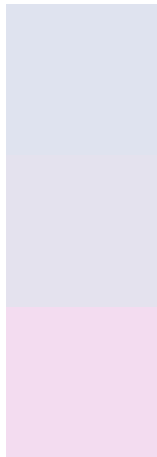


This preview shows how white text looks on a background with the RGB color 223, 227, 239.

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
223, 227, 239

Protanopia
228, 226, 238

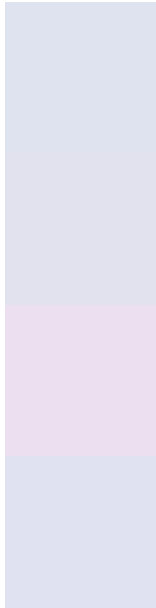
Deuteranopia
243, 220, 240



Tritanopia

224, 226, 244

Trichromacy



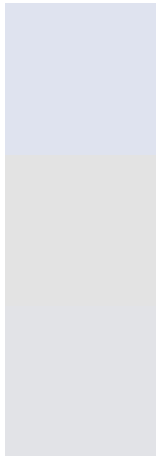
Original Color
223, 227, 239

Protanomaly
226, 226, 238

Deuteranomaly
236, 223, 240

Tritanomaly
224, 226, 242

Monochromacy



Original Color
223, 227, 239

Achromatopsia
227, 227, 227

Achromatomaly
226, 227, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 227, 239 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(223, 227, 239)` looks like.

```
.text, #text, p{  
    color:rgb(223, 227, 239)  
}
```

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(223, 227, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 227, 239) }
```

Border

The CSS property to change the border of an element to RGB 223, 227, 239 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(223, 227, 239) }
```

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

```
.border{ border-color:rgb(223, 227, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 227, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 227, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 227, 239);  
box-shadow:4px 4px 4px 4px rgb(223, 227,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 223, 227, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 227, 239) }
```

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

```
.background{ background-color: rgb(223,  
227, 239) }
```

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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