

Converting Colors

RGB(219, 229, 233)

Have a look what the booklet for
RGB(219, 229, 233) contains.

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Color

RGB(219, 229, 233)

Conversions

Conversions Part 1

Format	Color
Hex	DBE5E9
RGB	219, 229, 233
RGB Percent	86%, 90%, 91%
CMY	0.1412, 0.1020, 0.0863
CMYK	0.06, 0.02, 0.00, 0.09
HSL	197°, 24%, 89%
HSV	197°, 6%, 91%
XYZ	71.9407, 76.9819, 88.1581
YIQ	226.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

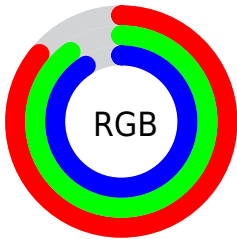
Format	Color
R _Y B	219, 225, 233
Decimal	14411241
CIE Lab	90.31, -2.58, -3.11
CIE LCh	90, 4.039, 230.328
Yxy	76.9819, 0.3034, 0.3247
Android (android.graphics.Color)	4292601321 (0xFFD _B E5E9)
YUV	226.4660, 3.2213, -6.5477
Hunter-Lab	87.7393, -7.1851, 1.8445

Details

The RGB color **219, 229, 233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **233, 223, 219**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 174, 177** is the 20% darker color. If you saturate the color by 10%, you get **196, 222, 233**, and if you desaturate by 10%, it is **242, 236, 233**.

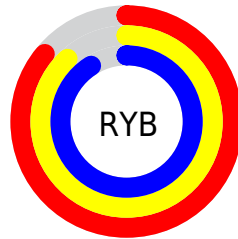
Distribution



Red (86%)

Green (90%)

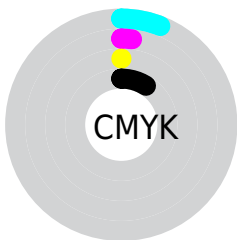
Blue (91%)



Red (86%)

Yellow (88%)

Blue (91%)

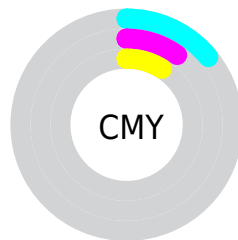


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (10%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 229, 233 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 219, 229, 233 by changing the saturation by 10% instead.

■ 219, 229, 233

255, 255, 255

■ 219, 229, 233

■ 191, 201, 205

■ 164, 174, 177

■ 138, 147, 151

■ 112, 121, 125

■ 88, 97, 100

■ 64, 73, 76

■ 42, 50, 53

■ 22, 29, 32

■ 0, 2, 9

■ 219, 229, 233

■ 219, 229, 233

■ 196, 222, 233

■ 242, 236, 233

■ 172, 216, 233

■ 255, 242, 233

■ 149, 209, 233

■ 255, 249, 233

■ 126, 202, 233

■ 255, 255, 233

■ 102, 196, 233

■ 79, 189, 233

■ 56, 182, 233

■ 33, 176, 233

■ 9, 169, 233

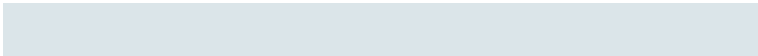
Harmonies

Analogous

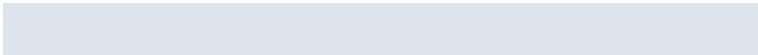
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 230, 230



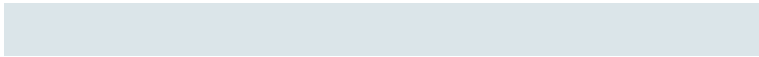
219, 229, 233



222, 228, 235

Triad

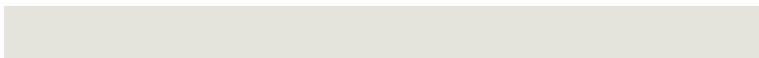
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 229, 233



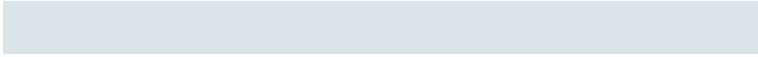
235, 225, 229



228, 228, 220

Complementary

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



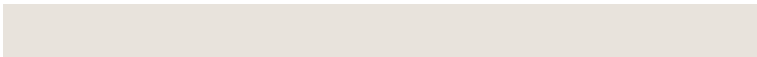
219, 229, 233



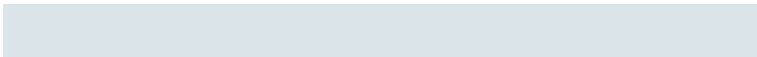
233, 223, 219

Split Complementary

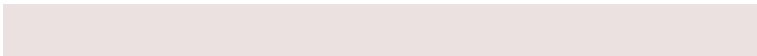
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 227, 220



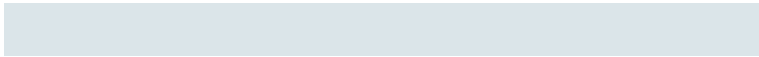
219, 229, 233



236, 225, 225

Square

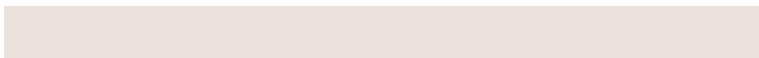
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219, 229, 233



231, 226, 232



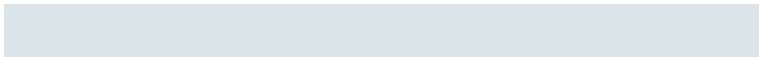
235, 225, 221



223, 229, 222

Rectangle

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



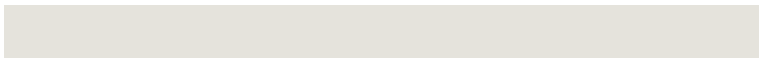
219, 229, 233



225, 227, 235



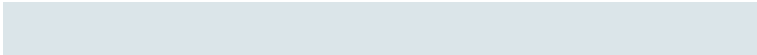
235, 225, 221



229, 227, 220

Sweetspot

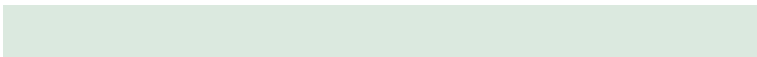
The Sweet Spot groups the original color and five complimentary colors.



219, 229, 233



250, 254, 255



219, 233, 223



125, 127, 128



0, 0, 0



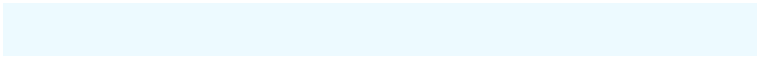
128, 128, 128

Same Dimension

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



219, 229, 233



237, 250, 255



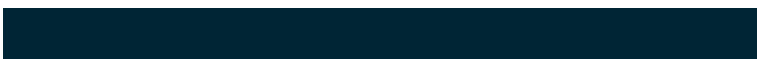
219, 222, 233



108, 115, 117



0, 129, 181



0, 38, 54

Inverse Universe

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



233, 219, 229



255, 237, 250



233, 230, 219



117, 108, 115



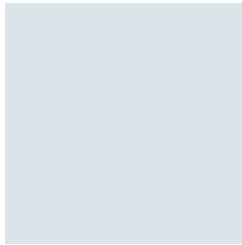
181, 0, 129



54, 0, 38

Previews

White Background



This preview shows how the RGB color 219, 229, 233 looks on a white background.

Color Contrast Check

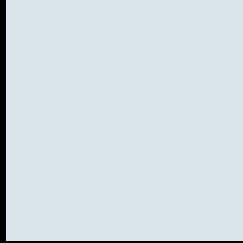
Large Text (above 18pt) WCAG AA × Fail

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 219, 229, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

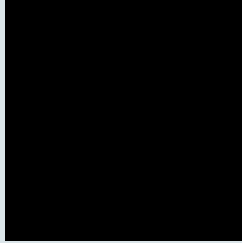
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

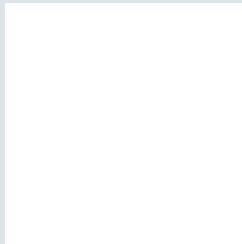
Any Text WCAG AAA ✓ Pass

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

RGB 219, 229, 233 Background



This preview shows how black text looks on a background with the RGB color 219, 229, 233.



This preview shows how white text looks on a background with the RGB color 219, 229, 233.

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](#).

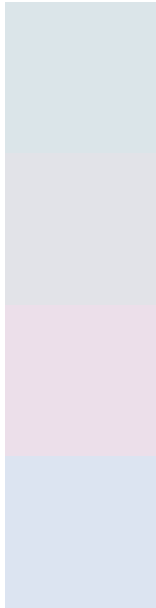
Dichromacy





Tritanopia
221, 227, 245

Trichromacy



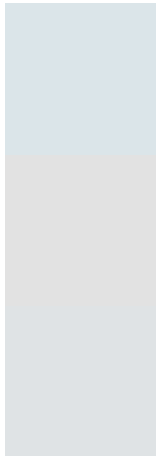
Original Color
219, 229, 233

Protanomaly
226, 227, 232

Deuteranomaly
236, 223, 234

Tritanomaly
220, 228, 241

Monochromacy



Original Color
219, 229, 233

Achromatopsia
226, 226, 226

Achromatomaly
223, 227, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 229, 233 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(219, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 233)  
}
```

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(219, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 233) }
```

Border

The CSS property to change the border of an element to RGB 219, 229, 233 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(219, 229, 233) }
```

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

```
.border{ border-color:rgb(219, 229, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(219, 229,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 219, 229, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 233) }
```

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

```
.background{ background-color: rgb(219,  
229, 233) }
```

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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