

Converting Colors

RGB(221, 229, 238)

Have a look what the booklet for
RGB(221, 229, 238) contains.

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Color

RGB(221, 229, 238)

Conversions

Conversions Part 1

Format	Color
Hex	DDE5EE
RGB	221, 229, 238
RGB Percent	87%, 90%, 93%
CMY	0.1333, 0.1020, 0.0667
CMYK	0.07, 0.04, 0.00, 0.07
HSL	212°, 33%, 90%
HSV	212°, 7%, 93%
XYZ	73.2707, 77.5838, 92.0023
YIQ	227.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

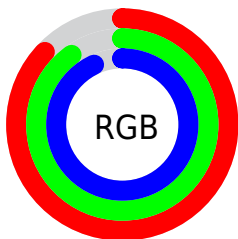
Format	Color
R _Y B	221, 226, 238
Decimal	14542318
CIE Lab	90.59, -0.98, -5.30
CIE LCh	91, 5.393, 259.542
Yxy	77.5838, 0.3017, 0.3195
Android (android.graphics.Color)	4292732398 (0xFFDDE5EE)
YUV	227.6340, 5.1104, -5.8180
Hunter-Lab	88.0817, -5.6578, -0.2719

Details

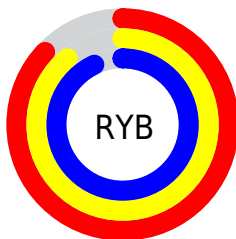
The RGB color **221, 229, 238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **238, 230, 221**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 174, 182** is the 20% darker color. If you saturate the color by 10%, you get **197, 216, 238**, and if you desaturate by 10%, it is **245, 242, 238**.

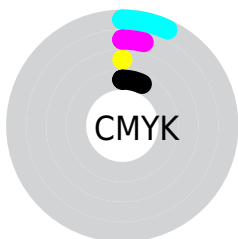
Distribution



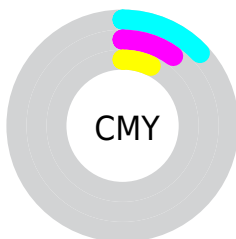
- Red (87%)
- Green (90%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 229, 238 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 221, 229, 238 by changing the saturation by 10% instead.

■ 221, 229, 238

255, 255, 255

■ 221, 229, 238

■ 193, 201, 210

■ 166, 174, 182

■ 140, 147, 155

■ 114, 121, 129

■ 89, 97, 104

■ 66, 73, 80

■ 44, 50, 57

■ 23, 29, 36

■ 0, 3, 14

■ 221, 229, 238

■ 221, 229, 238

■ 197, 216, 238

■ 245, 242, 238

■ 173, 204, 238

■ 255, 254, 238

■ 150, 191, 238

■ 255, 255, 238

■ 126, 179, 238

■ 102, 166, 238

■ 78, 153, 238

■ 54, 141, 238

■ 31, 128, 238

■ 7, 116, 238

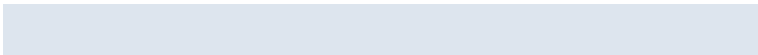
Harmonies

Analogous

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



217, 230, 236



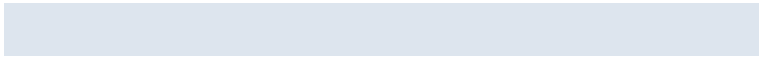
221, 229, 238



227, 227, 238

Triad

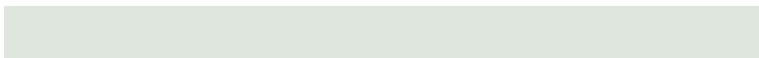
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 229, 238



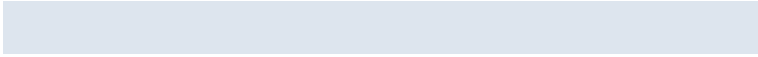
240, 225, 225



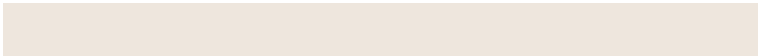
223, 230, 221

Complementary

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



221, 229, 238



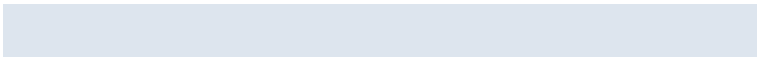
238, 230, 221

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.



229, 229, 218



221, 229, 238



238, 226, 220

Square

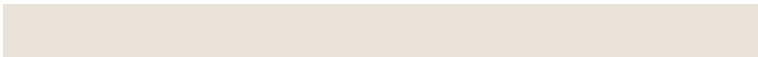
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



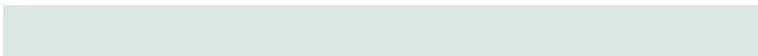
221, 229, 238



238, 225, 230



234, 227, 218



218, 231, 226

Rectangle

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



221, 229, 238



231, 226, 236



234, 227, 218



225, 230, 220

Sweetspot

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



221, 229, 238



250, 252, 255



221, 238, 230



125, 126, 128



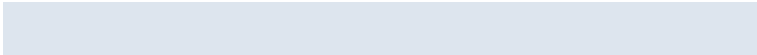
0, 0, 0



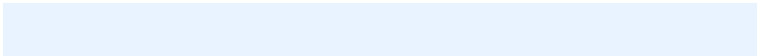
128, 128, 128

Same Dimension

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



221, 229, 238



232, 243, 255



221, 221, 238



108, 114, 120



0, 86, 184



0, 26, 56

Inverse Universe

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



238, 221, 229



255, 232, 243



238, 238, 221



120, 108, 114



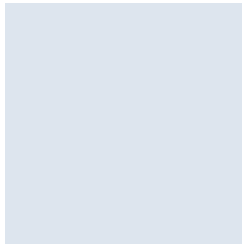
184, 0, 86



56, 0, 26

Previews

White Background



This preview shows how the RGB color 221, 229, 238 looks on a white background.

Color Contrast Check

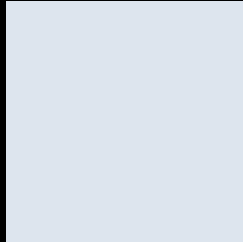
Large Text (above 18pt) WCAG AA × Fail

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 221, 229, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

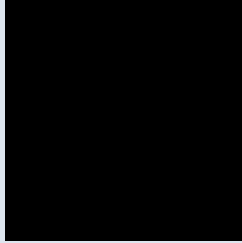
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

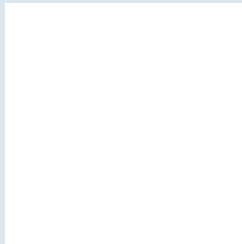
Any Text WCAG AAA ✓ Pass

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

RGB 221, 229, 238 Background



This preview shows how black text looks on a background with the RGB color 221, 229, 238.



This preview shows how white text looks on a background with the RGB color 221, 229, 238.

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

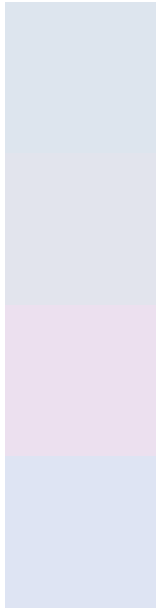




Tritanopia

222, 228, 246

Trichromacy



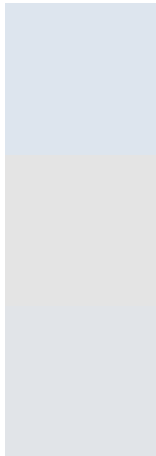
Original Color
221, 229, 238

Protanomaly
226, 228, 237

Deuteranomaly
236, 224, 239

Tritanomaly
222, 228, 243

Monochromacy



Original Color
221, 229, 238

Achromatopsia
228, 228, 228

Achromatomaly
225, 228, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 229, 238 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(221, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 229, 238)  
}
```

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(221, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 229, 238) }
```

Border

The CSS property to change the border of an element to RGB 221, 229, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

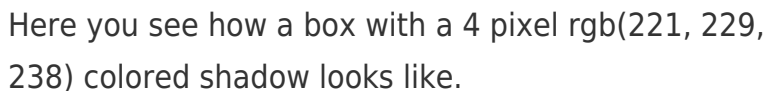
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 229, 238) }
```

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

```
.border{ border-color:rgb(221, 229, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 229, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 229, 238); box-shadow:4px 4px 4px 4px rgb(221, 229, 238) }
```

Background

The CSS property to change the background color of an element to RGB 221, 229, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 229, 238) }
```

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

```
.background{ background-color: rgb(221,  
229, 238) }
```

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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