

Converting Colors

RGB(223, 231, 236)

Have a look what the booklet for
RGB(223, 231, 236) contains.

RGB(223, 231, 236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(223, 231, 236)

Conversions

Conversions Part 1

Format	Color
Hex	DFE7EC
RGB	223, 231, 236
RGB Percent	87%, 91%, 93%
CMY	0.1255, 0.0941, 0.0745
CMYK	0.06, 0.02, 0.00, 0.07
HSL	203°, 25%, 90%
HSV	203°, 6%, 93%
XYZ	74.1477, 78.8959, 90.6773
YIQ	229.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

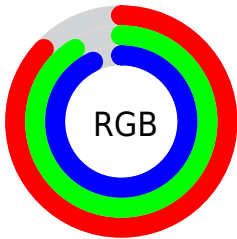
Format	Color
RYB	223, 228, 236
Decimal	14673900
CIELab	91.19, -1.73, -3.36
CIElCh	91, 3.782, 242.729
Yxy	78.8959, 0.3042, 0.3237
Android (android.graphics.Color)	4292863980 (0xFFDFE7EC)
YUV	229.1780, 3.3632, -5.4181
Hunter-Lab	88.8234, -6.4333, 1.6489

Details

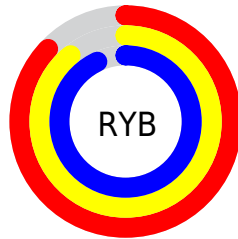
The RGB color **223, 231, 236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236, 228, 223**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **168, 175, 180** is the 20% darker color. If you saturate the color by 10%, you get **199, 222, 236**, and if you desaturate by 10%, it is **247, 240, 236**.

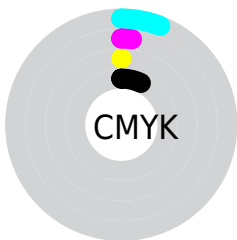
Distribution



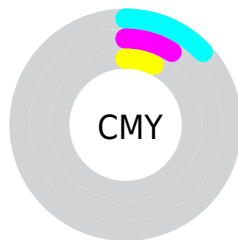
- Red (87%)
- Green (91%)
- Blue (93%)



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



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 231, 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 223, 231, 236 by changing the saturation by 10% instead.

■ 223, 231, 236

255, 255, 255

■ 223, 231, 236

■ 195, 203, 208

■ 168, 175, 180

■ 141, 149, 153

■ 116, 123, 128

■ 91, 98, 103

■ 68, 74, 79

■ 45, 52, 56

■ 25, 31, 34

■ 0, 6, 12

 223, 231, 236

 223, 231, 236

 199, 222, 236


 247, 240, 236

 176, 213, 236


 255, 249, 236


 152, 204, 236


 255, 255, 236


 129, 195, 236

 105, 186, 236

 81, 177, 236

 58, 167, 236

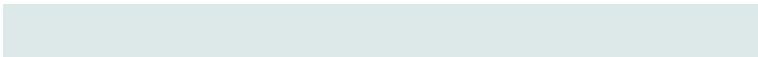
 34, 158, 236

 11, 149, 236

Harmonies

Analogous

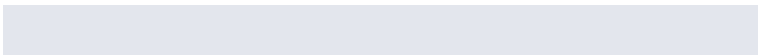
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221, 232, 233



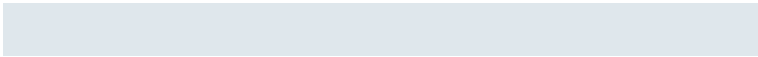
223, 231, 236



227, 230, 237

Triad

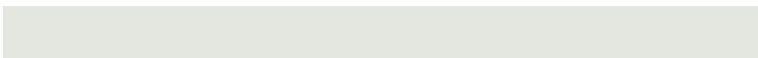
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223, 231, 236



237, 227, 229



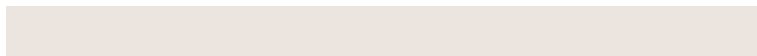
228, 231, 224

Complementary

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



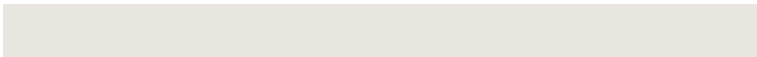
223, 231, 236



236, 228, 223

Split Complementary

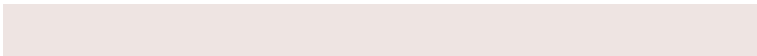
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233, 230, 223



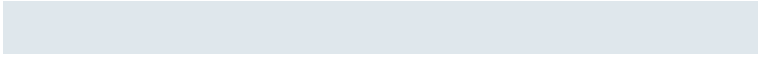
223, 231, 236



238, 228, 226

Square

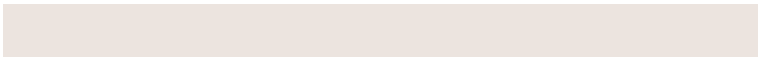
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223, 231, 236



235, 228, 233



236, 228, 223



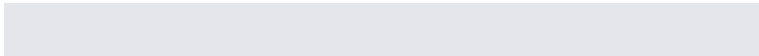
224, 232, 226

Rectangle

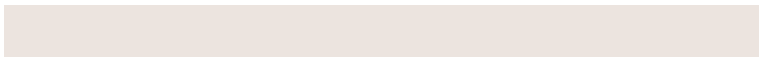
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223, 231, 236



229, 229, 236



236, 228, 223



230, 230, 223

Sweetspot

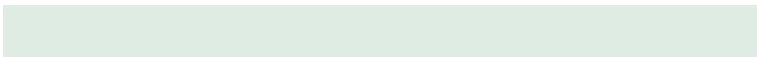
The Sweet Spot groups the original color and five complimentary colors.



223, 231, 236



250, 253, 255



223, 236, 228



125, 127, 128



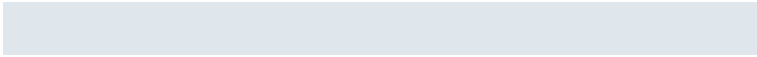
0, 0, 0



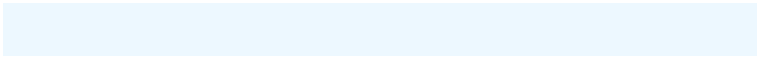
128, 128, 128

Same Dimension

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



223, 231, 236



237, 248, 255



223, 225, 236



108, 114, 117



0, 111, 181



0, 33, 54

Inverse Universe

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



236, 223, 231



255, 237, 248



236, 234, 223



117, 108, 114



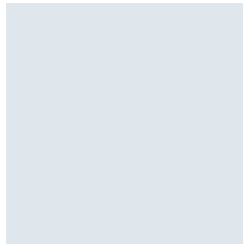
181, 0, 111



54, 0, 33

Previews

White Background



This preview shows how the RGB color 223, 231, 236 looks on a white background.

Color Contrast Check

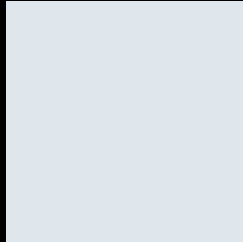
Large Text (above 18pt) WCAG AA × Fail

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 223, 231, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

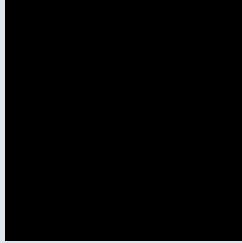
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

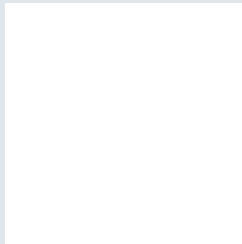
Any Text WCAG AAA ✓ Pass

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

RGB 223, 231, 236 Background



This preview shows how black text looks on a background with the RGB color 223, 231, 236.

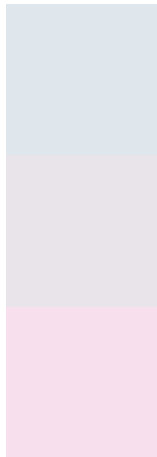


This preview shows how white text looks on a background with the RGB color 223, 231, 236.

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
223, 231, 236

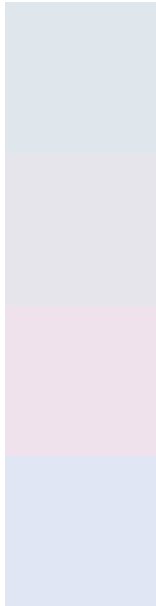
Protanopia
232, 228, 234

Deuteranopia
248, 223, 238



Tritanopia
225, 229, 247

Trichromacy



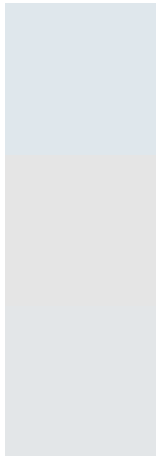
Original Color
223, 231, 236

Protanomaly
229, 229, 235

Deuteranomaly
239, 226, 237

Tritanomaly
224, 230, 243

Monochromacy



Original Color
223, 231, 236

Achromatopsia
229, 229, 229

Achromatomaly
227, 230, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 231, 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(223, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 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(223, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 236) }
```

Border

The CSS property to change the border of an element to RGB 223, 231, 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(223, 231, 236) }
```

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

```
.border{ border-color:rgb(223, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 223, 231, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 236) }
```

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

```
.background{ background-color: rgb(223,  
231, 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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