

Converting Colors

RGB(223, 234, 233)

Have a look what the booklet for
RGB(223, 234, 233) contains.

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Color

RGB(223, 234, 233)

Conversions

Conversions Part 1

Format	Color
Hex	DFEAE9
RGB	223, 234, 233
RGB Percent	87%, 92%, 91%
CMY	0.1255, 0.0824, 0.0863
CMYK	0.05, 0.00, 0.00, 0.08
HSL	175°, 21%, 90%
HSV	175°, 5%, 92%
XYZ	74.5622, 80.4168, 88.6829
YIQ	230.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

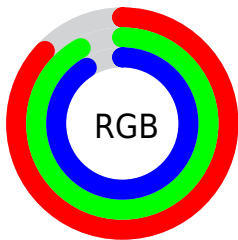
Format	Color
R _Y B	223, 229, 234
Decimal	14674665
CIE Lab	91.87, -3.83, -0.79
CIE LCh	92, 3.907, 191.688
Yxy	80.4168, 0.3060, 0.3300
Android (android.graphics.Color)	4292864745 (0xFFDFEAE9)
YUV	230.5970, 1.1847, -6.6626
Hunter-Lab	89.6754, -8.5150, 4.1390

Details

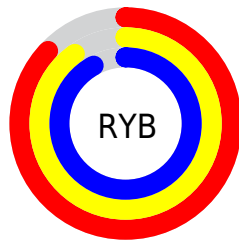
The RGB color **223, 234, 233** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 223, 224**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **168, 178, 177** is the 20% darker color. If you saturate the color by 10%, you get **200, 234, 231**, and if you desaturate by 10%, it is **246, 234, 235**.

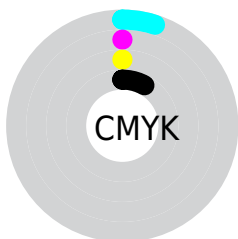
Distribution



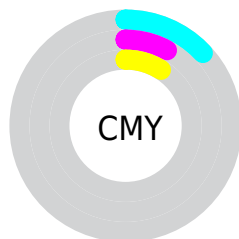
- Red (87%)
- Green (92%)
- Blue (91%)



- Red (87%)
- Yellow (90%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 234, 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 223, 234, 233 by changing the saturation by 10% instead.

■ 223, 234, 233

255, 255, 255

■ 223, 234, 233

■ 195, 206, 205

■ 168, 178, 177

■ 141, 152, 151

■ 116, 126, 125

■ 91, 101, 100

■ 68, 77, 76


■ 45, 54, 53

■ 25, 33, 32

■ 0, 10, 9

 223, 234, 233

 223, 234, 233

 200, 234, 231

 246, 234, 235

 176, 234, 229

 255, 234, 237

 153, 234, 227

 255, 234, 239

 129, 234, 224

 255, 234, 242

 106, 234, 222

 255, 234, 244

 83, 234, 220

 255, 234, 246

 59, 234, 218

 255, 234, 248

 36, 234, 216

 255, 234, 250

 12, 234, 214

 255, 234, 252

Harmonies

Analogous

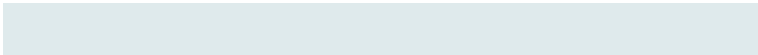
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 234, 229



223, 234, 233



223, 234, 236

Triad

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



223, 234, 233



234, 230, 237



237, 231, 225

Complementary

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



223, 234, 233



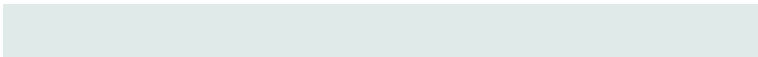
234, 223, 224

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.



240, 230, 227



223, 234, 233



238, 229, 234

Square

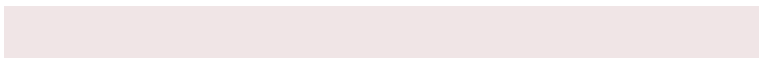
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223, 234, 233



230, 231, 239



240, 229, 230



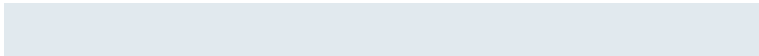
233, 232, 224

Rectangle

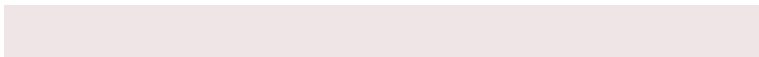
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



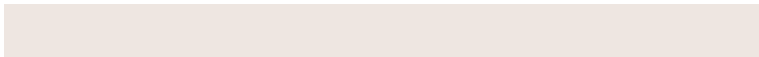
223, 234, 233



225, 233, 238



240, 229, 230



238, 230, 225

Sweetspot

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



223, 234, 233



252, 255, 255



224, 234, 223



126, 128, 127



0, 0, 0



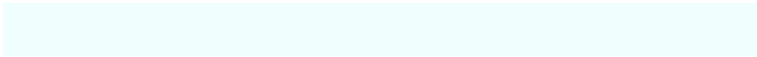
128, 128, 128

Same Dimension

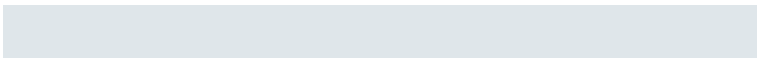
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223, 234, 233



240, 255, 254



223, 230, 234



109, 117, 117



0, 181, 165



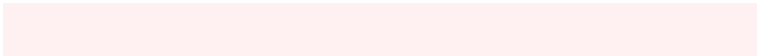
0, 54, 49

Inverse Universe

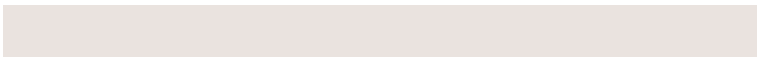
The Inverse Universe completely reimagines the original color for something new.



234, 223, 224



255, 240, 241



234, 227, 223



117, 109, 110



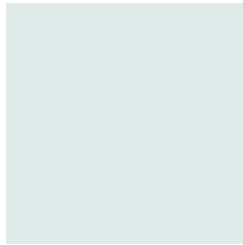
181, 0, 16



54, 0, 5

Previews

White Background



This preview shows how the RGB color 223, 234, 233 looks on a white background.

Color Contrast Check

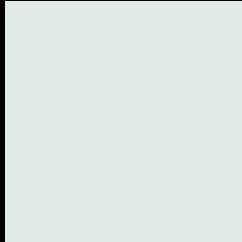
Large Text (above 18pt) WCAG AA × Fail

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 223, 234, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

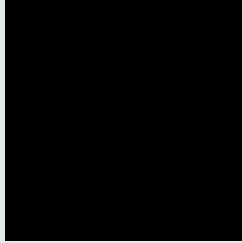
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

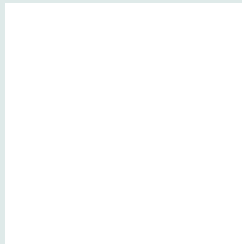
Any Text WCAG AAA ✓ Pass

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

RGB 223, 234, 233 Background



This preview shows how black text looks on a background with the RGB color 223, 234, 233.



This preview shows how white text looks on a background with the RGB color 223, 234, 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](#).

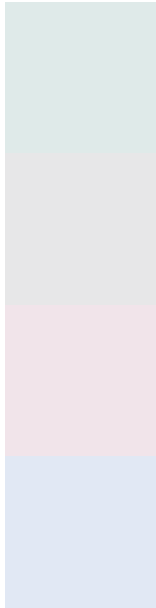
Dichromacy





Tritanopia
226, 231, 250

Trichromacy



Original Color

223, 234, 233

Protanomaly

231, 231, 232

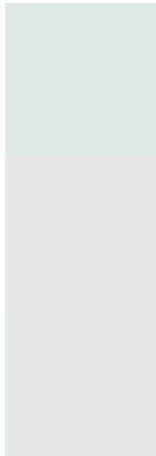
Deuteranomaly

241, 228, 234

Tritanomaly

225, 232, 244

Monochromacy



Original Color

223, 234, 233

Achromatopsia

231, 231, 231

Achromatomaly

228, 232, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 234, 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(223, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 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(223, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 233) }
```

Border

The CSS property to change the border of an element to RGB 223, 234, 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(223, 234, 233) }
```

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

```
.border{ border-color:rgb(223, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 223, 234, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 234, 233) }
```

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

```
.background{ background-color: rgb(223,  
234, 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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