

Converting Colors

RGB(223, 233, 248)

Have a look what the booklet for
RGB(223, 233, 248) contains.

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Color

RGB(223, 233, 248)

Conversions

Conversions Part 1

Format	Color
Hex	DFE9F8
RGB	223, 233, 248
RGB Percent	87%, 91%, 97%
CMY	0.1255, 0.0863, 0.0275
CMYK	0.10, 0.06, 0.00, 0.03
HSL	216°, 64%, 92%
HSV	216°, 10%, 97%
XYZ	76.5136, 80.7431, 100.3592
YIQ	231.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

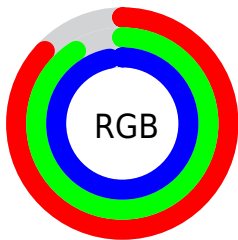
Format	Color
R _{YB}	223, 230, 248
Decimal	14674424
CIE Lab	92.02, -0.47, -8.40
CIE LCh	92, 8.415, 266.824
Yxy	80.7431, 0.2970, 0.3134
Android (android.graphics.Color)	4292864504 (0xFFDFE9F8)
YUV	231.7200, 8.0260, -7.6474
Hunter-Lab	89.8572, -5.2568, -3.3195

Details

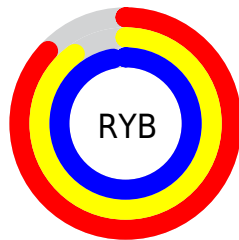
The RGB color **223, 233, 248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **248, 238, 223**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **168, 177, 192** is the 20% darker color. If you saturate the color by 10%, you get **198, 218, 248**, and if you desaturate by 10%, it is **248, 248, 248**.

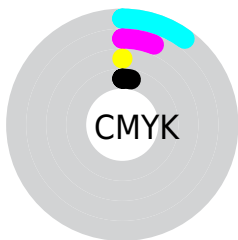
Distribution



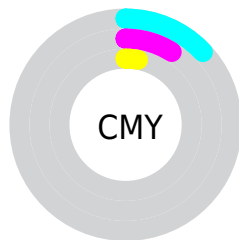
- Red (87%)
- Green (91%)
- Blue (97%)



- Red (87%)
- Yellow (90%)
- Blue (97%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 233, 248 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, 233, 248 by changing the saturation by 10% instead.

■ 223, 233, 248

255, 255, 255

■ 223, 233, 248

■ 195, 205, 219

■ 168, 177, 192

■ 141, 151, 165

■ 116, 125, 138

■ 91, 100, 113

■ 67, 76, 88

■ 45, 53, 65

■ 24, 32, 43

■ 0, 9, 23

 223, 233, 248

 223, 233, 248


 198, 218, 248


 248, 248, 248


 173, 203, 248


 255, 255, 248


 149, 188, 248

 124, 173, 248

 99, 159, 248

 74, 144, 248

 49, 129, 248

 25, 114, 248

 0, 99, 248

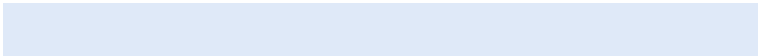
Harmonies

Analogous

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



215, 235, 245



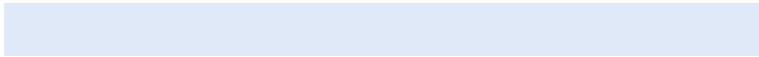
223, 233, 248



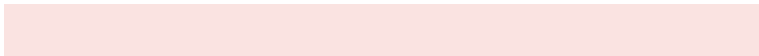
233, 230, 246

Triad

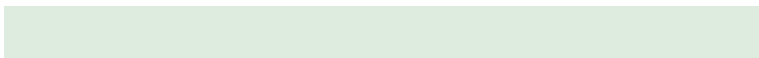
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223, 233, 248



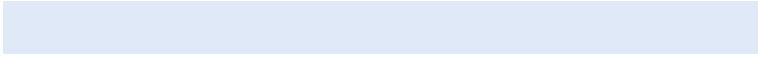
250, 227, 225



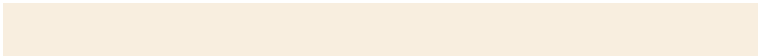
222, 236, 223

Complementary

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



223, 233, 248



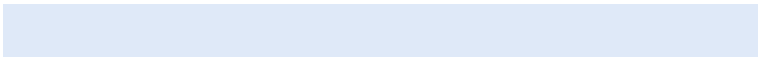
248, 238, 223

Split Complementary

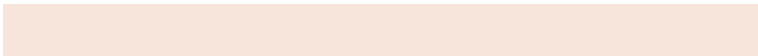
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 234, 218



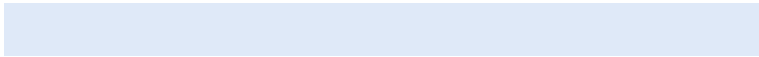
223, 233, 248



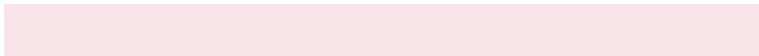
247, 229, 219

Square

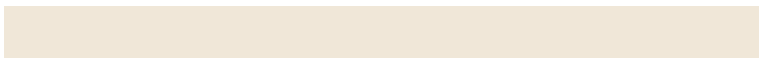
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223, 233, 248



248, 227, 233



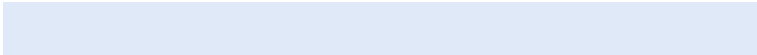
240, 231, 216



215, 237, 231

Rectangle

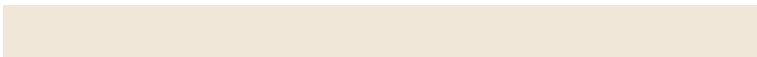
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223, 233, 248



239, 229, 243



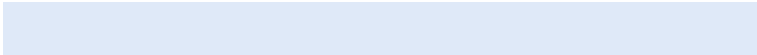
240, 231, 216



225, 235, 221

Sweetspot

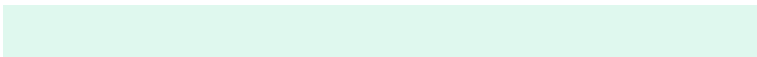
The Sweet Spot groups the original color and five complimentary colors.



223, 233, 248



247, 250, 255



223, 248, 238



122, 124, 128



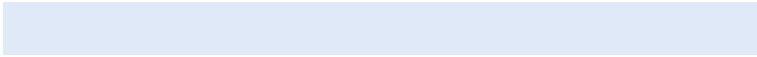
0, 0, 0



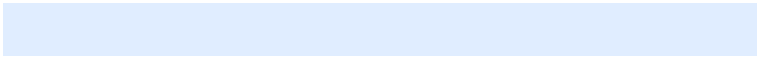
128, 128, 128

Same Dimension

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



223, 233, 248



224, 237, 255



226, 223, 248



112, 117, 125



0, 75, 189



0, 24, 61

Inverse Universe

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



248, 223, 233



255, 224, 237



246, 248, 223



125, 112, 117



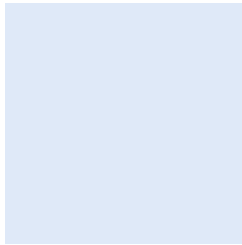
189, 0, 75



61, 0, 24

Previews

White Background



This preview shows how the RGB color 223, 233, 248 looks on a white background.

Color Contrast Check

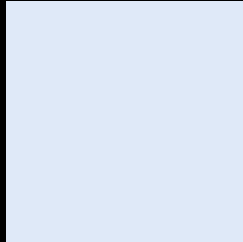
Large Text (above 18pt) WCAG AA × Fail

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, 233, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

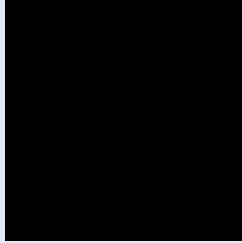
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

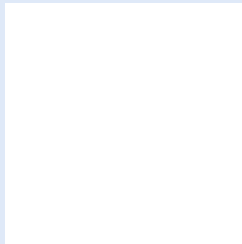
Any Text WCAG AAA ✓ Pass

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

RGB 223, 233, 248 Background



This preview shows how black text looks on a background with the RGB color 223, 233, 248.



This preview shows how white text looks on a background with the RGB color 223, 233, 248.

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](#).

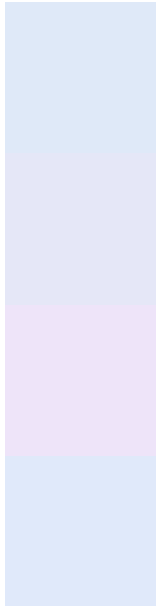
Dichromacy





Tritanopia
224, 233, 251

Trichromacy



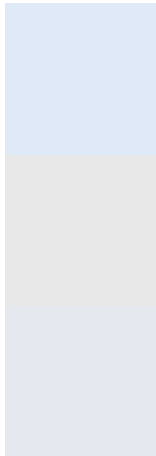
Original Color
223, 233, 248

Protanomaly
229, 231, 247

Deuteranomaly
238, 228, 249

Tritanomaly
224, 233, 250

Monochromacy



Original Color
223, 233, 248

Achromatopsia
232, 232, 232

Achromatomaly
229, 232, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 233, 248 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, 233, 248)` looks like.

```
.text, #text, p{  
    color:rgb(223, 233, 248)  
}
```

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, 233, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 233, 248) }
```

Border

The CSS property to change the border of an element to RGB 223, 233, 248 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, 233, 248) }
```

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

```
.border{ border-color:rgb(223, 233, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 233, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 233, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 233, 248);  
box-shadow:4px 4px 4px 4px rgb(223, 233,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 223, 233, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 233, 248) }
```

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

```
.background{ background-color: rgb(223,  
233, 248) }
```

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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