

Converting Colors

RGB(219, 233, 245)

Have a look what the booklet for
RGB(219, 233, 245) contains.

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Color

RGB(219, 233, 245)

Conversions

Conversions Part 1

Format	Color
Hex	DBE9F5
RGB	219, 233, 245
RGB Percent	86%, 91%, 96%
CMY	0.1412, 0.0863, 0.0392
CMYK	0.11, 0.05, 0.00, 0.04
HSL	208°, 57%, 91%
HSV	208°, 11%, 96%
XYZ	74.8338, 79.9305, 97.8702
YIQ	230.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

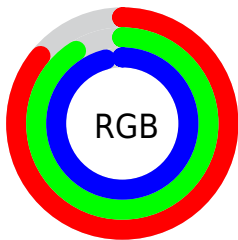
Format	Color
R _{YB}	219, 228, 245
Decimal	14412277
CIE Lab	91.65, -2.33, -7.41
CIE LCh	92, 7.764, 252.550
Yxy	79.9305, 0.2962, 0.3164
Android (android.graphics.Color)	4292602357 (0xFFDBE9F5)
YUV	230.1820, 7.3053, -9.8066
Hunter-Lab	89.4038, -7.0467, -2.3219

Details

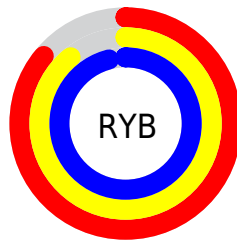
The RGB color **219, 233, 245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **245, 231, 219**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 177, 189** is the 20% darker color. If you saturate the color by 10%, you get **194, 222, 245**, and if you desaturate by 10%, it is **243, 244, 245**.

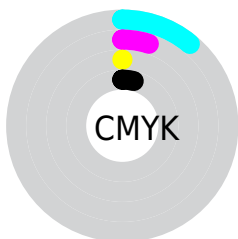
Distribution



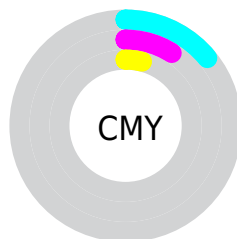
- Red (86%)
- Green (91%)
- Blue (96%)



- Red (86%)
- Yellow (89%)
- Blue (96%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 233, 245 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, 233, 245 by changing the saturation by 10% instead.

■ 219, 233, 245

255, 255, 255

■ 219, 233, 245

■ 191, 205, 217

■ 164, 177, 189

■ 138, 151, 162

■ 112, 125, 136

■ 87, 100, 110

■ 64, 76, 86

■ 41, 53, 63

■ 20, 32, 41

■ 0, 9, 21

 219, 233, 245

 219, 233, 245


 194, 222, 245


 243, 244, 245


 170, 210, 245


 255, 255, 245


 146, 199, 245

 121, 188, 245

 97, 176, 245

 72, 165, 245

 48, 154, 245

 23, 143, 245

 0, 132, 245

Harmonies

Analogous

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



214, 235, 241



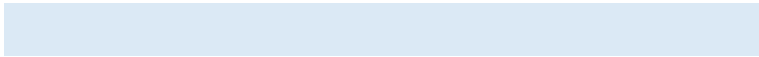
219, 233, 245



227, 231, 245

Triad

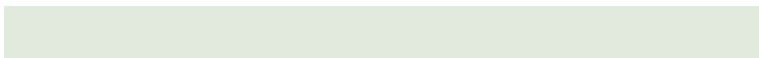
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 233, 245



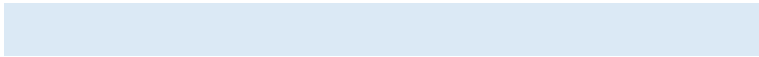
247, 226, 228



225, 234, 220

Complementary

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



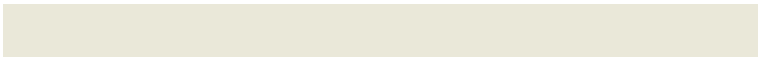
219, 233, 245



245, 231, 219

Split Complementary

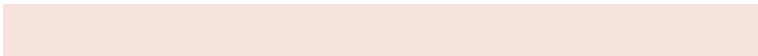
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 232, 217



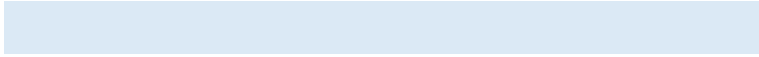
219, 233, 245



247, 227, 221

Square

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



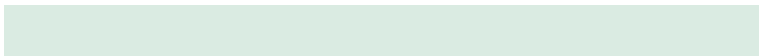
219, 233, 245



244, 227, 236



242, 229, 217



218, 235, 226

Rectangle

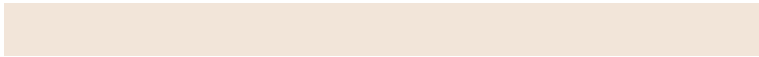
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219, 233, 245



234, 229, 244



242, 229, 217



228, 233, 218

Sweetspot

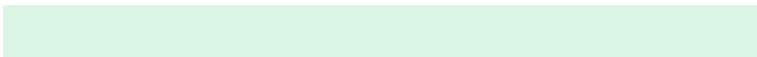
The Sweet Spot groups the original color and five complimentary colors.



219, 233, 245



247, 251, 255



219, 245, 231



122, 125, 128



0, 0, 0



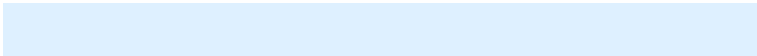
128, 128, 128

Same Dimension

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



219, 233, 245



222, 240, 255



219, 220, 245



110, 117, 122



0, 100, 186



0, 32, 59

Inverse Universe

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



245, 219, 233



255, 222, 240



245, 244, 219



122, 110, 117



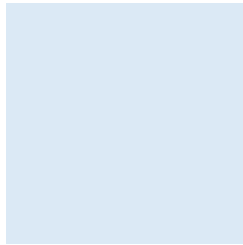
186, 0, 100



59, 0, 32

Previews

White Background



This preview shows how the RGB color 219, 233, 245 looks on a white background.

Color Contrast Check

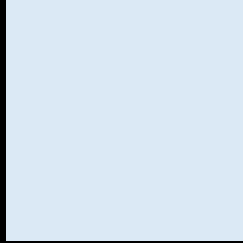
Large Text (above 18pt) WCAG AA × Fail

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, 233, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

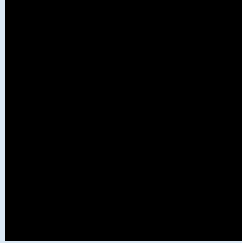
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

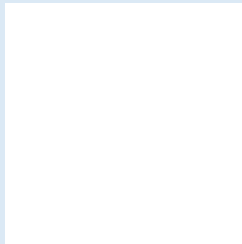
Any Text WCAG AAA ✓ Pass

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

RGB 219, 233, 245 Background



This preview shows how black text looks on a background with the RGB color 219, 233, 245.



This preview shows how white text looks on a background with the RGB color 219, 233, 245.

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](#).

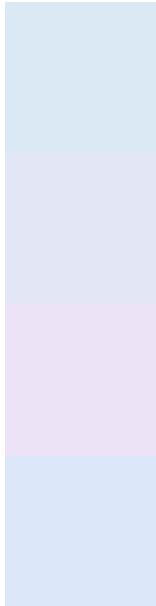
Dichromacy





Tritanopia
220, 232, 251

Trichromacy



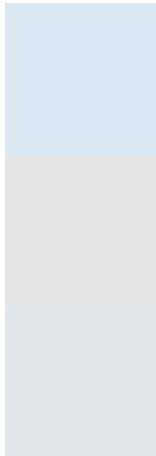
Original Color
219, 233, 245

Protanomaly
227, 230, 244

Deuteranomaly
236, 227, 246

Tritanomaly
220, 232, 249

Monochromacy



Original Color
219, 233, 245

Achromatopsia
230, 230, 230

Achromatomaly
226, 231, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 233, 245 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, 233, 245)` looks like.

```
.text, #text, p{  
    color:rgb(219, 233, 245)  
}
```

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, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 233, 245) }
```

Border

The CSS property to change the border of an element to RGB 219, 233, 245 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, 233, 245) }
```

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

```
.border{ border-color:rgb(219, 233, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 233, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 233, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 233, 245); box-shadow:4px 4px 4px 4px rgb(219, 233, 245) }
```

Background

The CSS property to change the background color of an element to RGB 219, 233, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 233, 245) }
```

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

```
.background{ background-color: rgb(219,  
233, 245) }
```

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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