

Converting Colors

RGB(216, 229, 249)

Have a look what the booklet for
RGB(216, 229, 249) contains.

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Color

RGB(216, 229, 249)

Conversions

Conversions Part 1

Format	Color
Hex	D8E5F9
RGB	216, 229, 249
RGB Percent	85%, 90%, 98%
CMY	0.1529, 0.1020, 0.0235
CMYK	0.13, 0.08, 0.00, 0.02
HSL	216°, 73%, 91%
HSV	216°, 13%, 98%
XYZ	73.4371, 77.4771, 100.7066
YIQ	227.3930, -14.1680, 3.4640

Conversions

Conversions Part 2

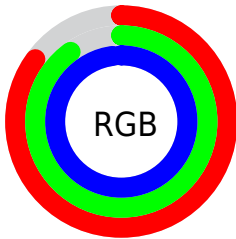
Format	Color
R _Y B	216, 225, 249
Decimal	14214649
CIE Lab	90.54, -0.42, -11.17
CIE LCh	91, 11.180, 267.840
Yxy	77.4771, 0.2919, 0.3079
Android (android.graphics.Color)	4292404729 (0xFFD8E5F9)
YUV	227.3930, 10.6523, -9.9917
Hunter-Lab	88.0211, -5.1121, -6.2200

Details

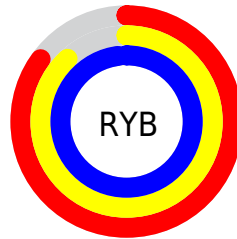
The RGB color **216, 229, 249** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **249, 236, 216**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **161, 174, 193** is the 20% darker color. If you saturate the color by 10%, you get **191, 214, 249**, and if you desaturate by 10%, it is **241, 244, 249**.

Distribution



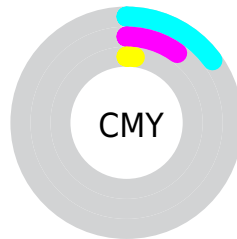
- Red (85%)
- Green (90%)
- Blue (98%)



- Red (85%)
- Yellow (88%)
- Blue (98%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 229, 249 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 216, 229, 249 by changing the saturation by 10% instead.

■ 216, 229, 249

255, 255, 255

■ 216, 229, 249

■ 188, 201, 220

■ 161, 174, 193

■ 135, 147, 165

■ 109, 121, 139

■ 85, 97, 114

■ 61, 73, 89

■ 38, 50, 66

■ 17, 29, 44


■ 0, 3, 24

 216, 229, 249


 216, 229, 249


 191, 214, 249


 241, 244, 249


 166, 199, 249


 255, 255, 249


 141, 184, 249

 116, 169, 249

 92, 154, 249

 67, 138, 249

 42, 123, 249

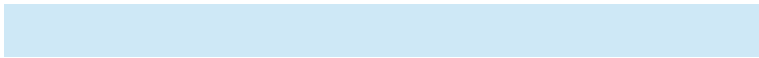
 17, 108, 249

 0, 98, 249

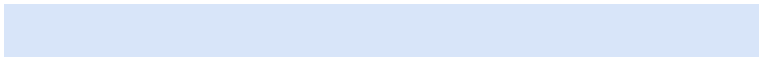
Harmonies

Analogous

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



206, 232, 246



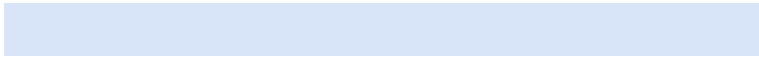
216, 229, 249



229, 225, 247

Triad

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



216, 229, 249



251, 221, 218



214, 233, 216

Complementary

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



216, 229, 249



249, 236, 216

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.



226, 230, 209



216, 229, 249



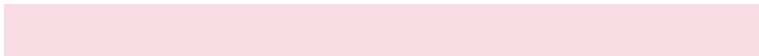
247, 223, 210

Square

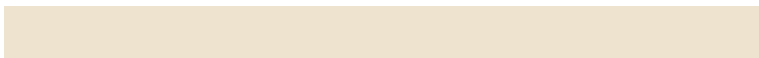
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216, 229, 249



249, 221, 229



238, 227, 207



205, 234, 227

Rectangle

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



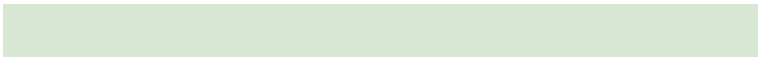
216, 229, 249



238, 223, 242



238, 227, 207



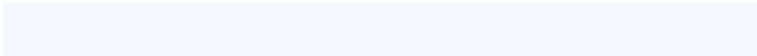
217, 232, 213

Sweetspot

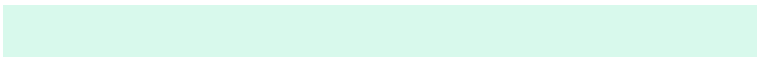
The Sweet Spot groups the original color and five complimentary colors.



216, 229, 249



245, 249, 255



216, 249, 236



121, 124, 128



0, 0, 0



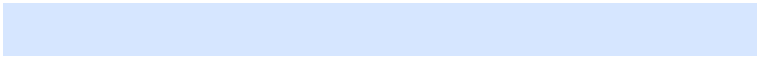
128, 128, 128

Same Dimension

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



216, 229, 249



214, 230, 255



219, 216, 249



112, 117, 125



0, 74, 189



0, 24, 61

Inverse Universe

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



249, 216, 229



255, 214, 230



246, 249, 216



125, 112, 117



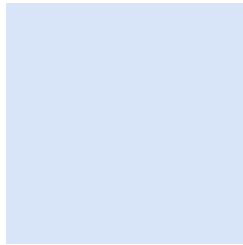
189, 0, 74



61, 0, 24

Previews

White Background



This preview shows how the RGB color 216, 229, 249 looks on a white background.

Color Contrast Check

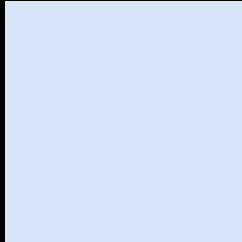
Large Text (above 18pt) WCAG AA × Fail

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 216, 229, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

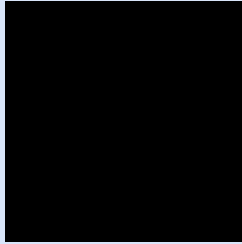
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

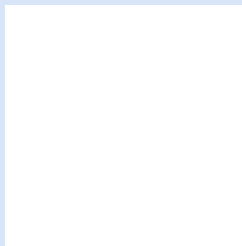
Any Text WCAG AAA ✓ Pass

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

RGB 216, 229, 249 Background



This preview shows how black text looks on a background with the RGB color 216, 229, 249.



This preview shows how white text looks on a background with the RGB color 216, 229, 249.

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](#).

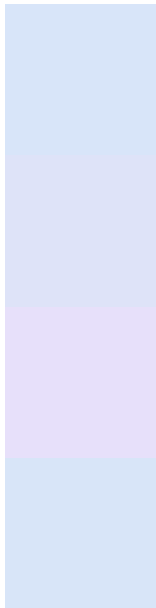
Dichromacy





Tritanopia
216, 229, 247

Trichromacy



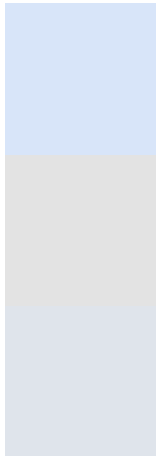
Original Color
216, 229, 249

Protanomaly
222, 227, 248

Deuteranomaly
231, 224, 250

Tritanomaly
216, 229, 248

Monochromacy



Original Color
216, 229, 249

Achromatopsia
227, 227, 227

Achromatomaly
223, 228, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 229, 249 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(216, 229, 249)` looks like.

```
.text, #text, p{  
    color:rgb(216, 229, 249)  
}
```

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(216, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 229, 249) }
```

Border

The CSS property to change the border of an element to RGB 216, 229, 249 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(216, 229, 249) }
```

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

```
.border{ border-color:rgb(216, 229, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 229, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 229, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 229, 249); box-shadow:4px 4px 4px 4px rgb(216, 229, 249) }
```

Background

The CSS property to change the background color of an element to RGB 216, 229, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 229, 249) }
```

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

```
.background{ background-color: rgb(216,  
229, 249) }
```

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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