

Converting Colors

RGB(221, 231, 249)

Have a look what the booklet for
RGB(221, 231, 249) contains.

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Color

RGB(221, 231, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DDE7F9
RGB	221, 231, 249
RGB Percent	87%, 91%, 98%
CMY	0.1333, 0.0941, 0.0235
CMYK	0.11, 0.07, 0.00, 0.02
HSL	219°, 70%, 92%
HSV	219°, 11%, 98%
XYZ	75.4936, 79.3635, 100.9623
YIQ	230.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

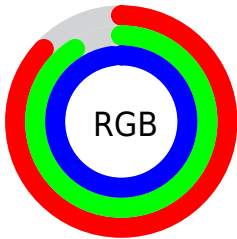
Format	Color
R _{YB}	221, 228, 249
Decimal	14542841
CIE Lab	91.40, 0.12, -9.86
CIE LCh	91, 9.859, 270.724
Yxy	79.3635, 0.2951, 0.3102
Android (android.graphics.Color)	4292732921 (0xFFDDE7F9)
YUV	230.0620, 9.3364, -7.9474
Hunter-Lab	89.0862, -4.6361, -4.8336

Details

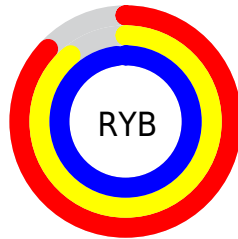
The RGB color **221, 231, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **249, 239, 221**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 175, 193** is the 20% darker color. If you saturate the color by 10%, you get **196, 215, 249**, and if you desaturate by 10%, it is **246, 247, 249**.

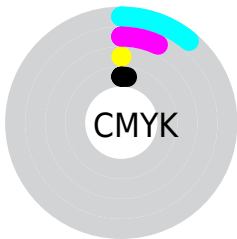
Distribution



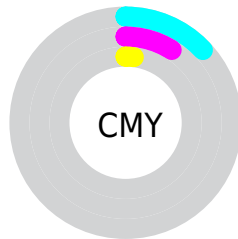
- Red (87%)
- Green (91%)
- Blue (98%)



- Red (87%)
- Yellow (89%)
- Blue (98%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 231, 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 221, 231, 249 by changing the saturation by 10% instead.

■ 221, 231, 249

255, 255, 255

■ 221, 231, 249

■ 193, 203, 220

■ 166, 175, 193

■ 139, 149, 165

■ 114, 123, 139

■ 89, 98, 114

■ 65, 74, 89

■ 43, 52, 66

■ 22, 31, 44


■ 0, 6, 23

 221, 231, 249

 221, 231, 249


 196, 215, 249


 246, 247, 249


 171, 199, 249


 255, 255, 249


 146, 183, 249

 121, 167, 249

 97, 151, 249

 72, 135, 249

 47, 119, 249

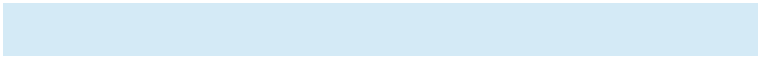
 22, 103, 249

 0, 89, 249

Harmonies

Analogous

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



212, 234, 246



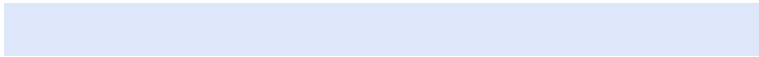
221, 231, 249



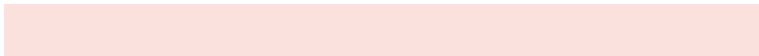
233, 228, 247

Triad

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



221, 231, 249



251, 225, 221



217, 235, 221

Complementary

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



221, 231, 249



249, 239, 221

Split Complementary

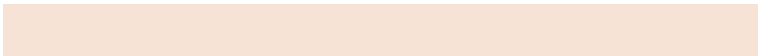
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 233, 214



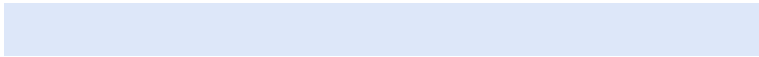
221, 231, 249



247, 227, 214

Square

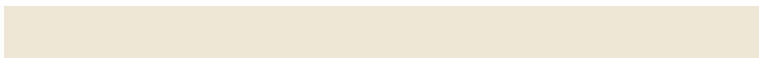
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 231, 249



250, 224, 230



238, 230, 212



209, 236, 230

Rectangle

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



221, 231, 249



240, 226, 242



238, 230, 212



220, 234, 218

Sweetspot

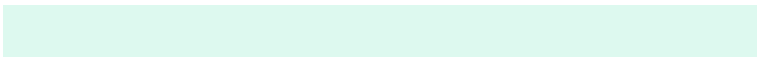
The Sweet Spot groups the original color and five complimentary colors.



221, 231, 249



247, 250, 255



221, 249, 239



122, 124, 128



0, 0, 0



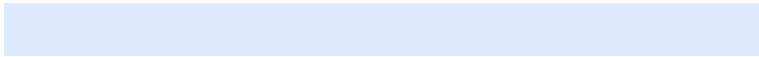
128, 128, 128

Same Dimension

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



221, 231, 249



222, 234, 255



225, 221, 249



112, 117, 125



0, 67, 189



0, 22, 61

Inverse Universe

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



249, 221, 231



255, 222, 234



245, 249, 221



125, 112, 117



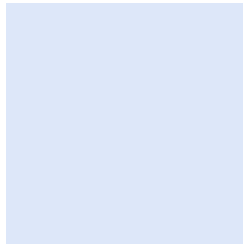
189, 0, 67



61, 0, 22

Previews

White Background



This preview shows how the RGB color 221, 231, 249 looks on a white background.

Color Contrast Check

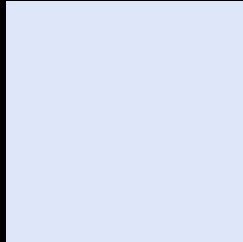
Large Text (above 18pt) WCAG AA × Fail

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 221, 231, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

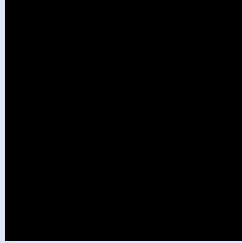
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

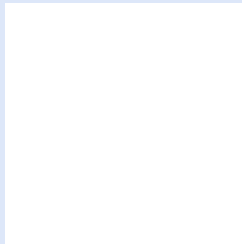
Any Text WCAG AAA ✓ Pass

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

RGB 221, 231, 249 Background



This preview shows how black text looks on a background with the RGB color 221, 231, 249.



This preview shows how white text looks on a background with the RGB color 221, 231, 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](#).

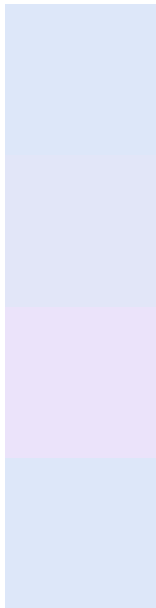
Dichromacy





Tritanopia
221, 231, 249

Trichromacy



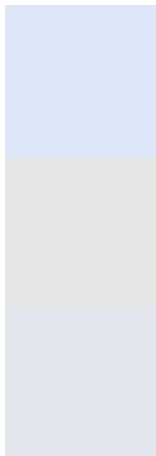
Original Color
221, 231, 249

Protanomaly
226, 230, 248

Deuteranomaly
235, 227, 250

Tritanomaly
221, 231, 249

Monochromacy



Original Color
221, 231, 249

Achromatopsia
230, 230, 230

Achromatomaly
227, 230, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 231, 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(221, 231, 249)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 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(221, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 249) }
```

Border

The CSS property to change the border of an element to RGB 221, 231, 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(221, 231, 249) }
```

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

```
.border{ border-color:rgb(221, 231, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 231, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 249);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 221, 231, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 249) }
```

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

```
.background{ background-color: rgb(221,  
231, 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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