

Converting Colors

RGB(221, 231, 255)

Have a look what the booklet for
RGB(221, 231, 255) contains.

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Color

RGB(221, 231, 255)

Conversions

Conversions Part 1

Format	Color
Hex	DDE7FF
RGB	221, 231, 255
RGB Percent	87%, 91%, 100%
CMY	0.1333, 0.0941, 0.0000
CMYK	0.13, 0.09, 0.00, 0.00
HSL	222°, 100%, 93%
HSV	222°, 13%, 100%
XYZ	76.4447, 79.7440, 105.9708
YIQ	230.7460, -13.6640, 5.3440

Conversions

Conversions Part 2

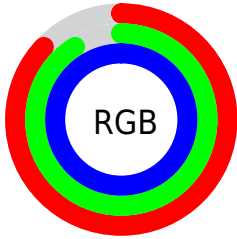
Format	Color
R _Y B	221, 229, 255
Decimal	14542847
CIE Lab	91.57, 1.32, -12.74
CIE LCh	92, 12.804, 275.929
Yxy	79.7440, 0.2916, 0.3042
Android (android.graphics.Color)	4292732927 (0xFFDDE7FF)
YUV	230.7460, 11.9572, -8.5472
Hunter-Lab	89.2995, -3.4694, -7.8492

Details

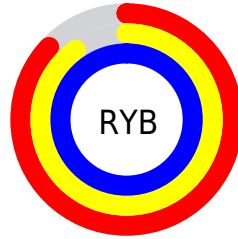
The RGB color **221, 231, 255** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **255, 245, 221**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 176, 198** is the 20% darker color. If you saturate the color by 10%, you get **196, 213, 255**, and if you desaturate by 10%, it is 247, 249, 255.

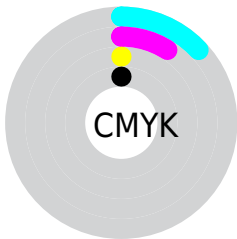
Distribution



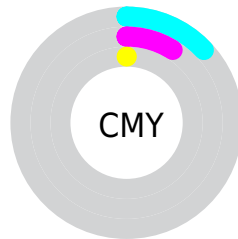
- Red (87%)
- Green (91%)
- Blue (100%)



- Red (87%)
- Yellow (90%)
- Blue (100%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 231, 255 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, 255 by changing the saturation by 10% instead.

■ 221, 231, 255

255, 255, 255

■ 221, 231, 255

■ 193, 203, 226

■ 166, 176, 198

■ 139, 149, 171

■ 114, 123, 144

■ 89, 98, 119

■ 65, 75, 94

■ 42, 52, 70

■ 21, 31, 48

■ 0, 6, 27

■ 221, 231, 255

■ 221, 231, 255

■ 196, 213, 255

■ 247, 249, 255

■ 170, 195, 255

255, 255, 255

■ 145, 177, 255

■ 119, 159, 255

■ 94, 141, 255

■ 68, 123, 255

■ 43, 105, 255

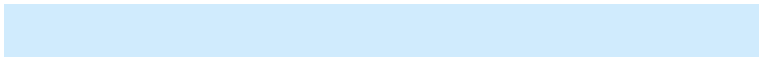
■ 17, 87, 255

■ 0, 75, 255

Harmonies

Analogous

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



208, 235, 253



221, 231, 255



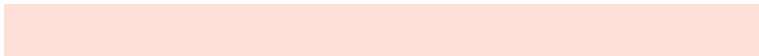
236, 227, 251

Triad

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



221, 231, 255



255, 224, 217



211, 237, 220

Complementary

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



221, 231, 255



255, 245, 221

Split Complementary

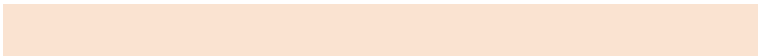
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 235, 211



221, 231, 255



250, 227, 209

Square

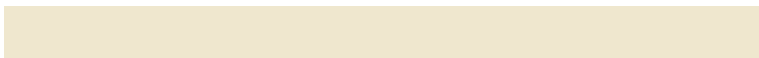
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 231, 255



255, 223, 229



239, 231, 206



202, 238, 233

Rectangle

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



221, 231, 255



246, 225, 245



239, 231, 206



215, 236, 217

Sweetspot

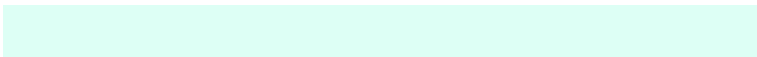
The Sweet Spot groups the original color and five complimentary colors.



221, 231, 255



245, 248, 255



221, 255, 245



121, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 231, 255



214, 226, 255



228, 221, 255



115, 119, 128



0, 56, 191



0, 19, 64

Inverse Universe

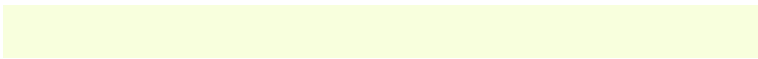
The Inverse Universe completely reimagines the original color for something new.



255, 221, 231



255, 214, 226



248, 255, 221



128, 115, 119



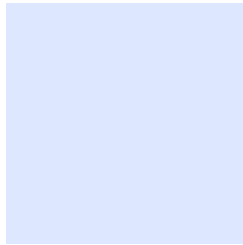
191, 0, 56



64, 0, 19

Previews

White Background



This preview shows how the RGB color 221, 231, 255 looks on a white background.

Color Contrast Check

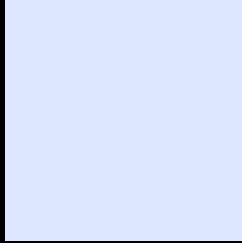
Large Text (above 18pt) WCAG AA × Fail

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, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

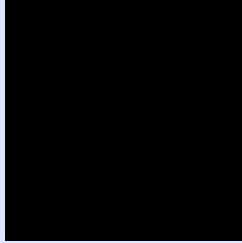
Any Text WCAG AA ✓ Pass

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, 255 Background



This preview shows how black text looks on a background with the RGB color 221, 231, 255.



This preview shows how white text looks on a background with the RGB color 221, 231, 255.

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, 250

Trichromacy



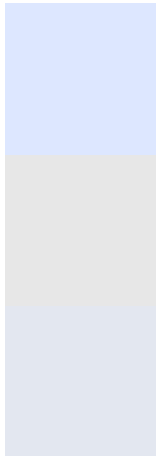
Original Color
221, 231, 255

Protanomaly
225, 230, 254

Deuteranomaly
234, 227, 255

Tritanomaly
220, 232, 252

Monochromacy



Original Color
221, 231, 255

Achromatopsia
231, 231, 231

Achromatomaly
227, 231, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 231, 255 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 255) }
```

Border

The CSS property to change the border of an element to RGB 221, 231, 255 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, 255) }
```

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

```
.border{ border-color:rgb(221, 231, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 221, 231, 255 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, 255) }
```

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

```
.background{ background-color: rgb(221,  
231, 255) }
```

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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