

Converting Colors

RGB(201, 209, 255)

Have a look what the booklet for
RGB(201, 209, 255) contains.

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Color

RGB(201, 209, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C9D1FF
RGB	201, 209, 255
RGB Percent	79%, 82%, 100%
CMY	0.2118, 0.1804, 0.0000
CMYK	0.21, 0.18, 0.00, 0.00
HSL	231°, 100%, 89%
HSV	231°, 21%, 100%
XYZ	64.9379, 65.2384, 103.7774
YIQ	211.8520, -19.5340, 12.6100

Conversions

Conversions Part 2

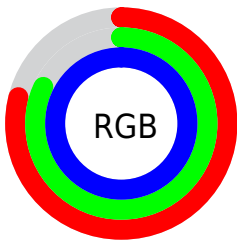
Format	Color
R _Y B	201, 208, 255
Decimal	13226495
CIE Lab	84.61, 6.73, -23.36
CIE LCh	85, 24.314, 286.062
Yxy	65.2384, 0.2776, 0.2789
Android (android.graphics.Color)	4291416575 (0xFFC9D1FF)
YUV	211.8520, 21.2720, -9.5172
Hunter-Lab	80.7703, 2.1627, -19.6393

Details

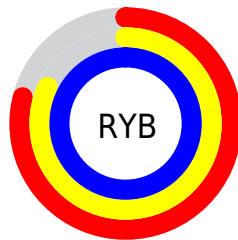
The RGB color **201, 209, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **255, 247, 201**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 255, 255, and **146, 155, 198** is the 20% darker color. If you saturate the color by 10%, you get **176, 187, 255**, and if you desaturate by 10%, it is **227, 231, 255**.

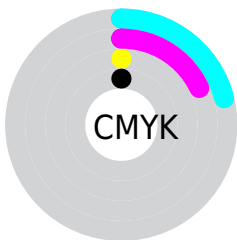
Distribution



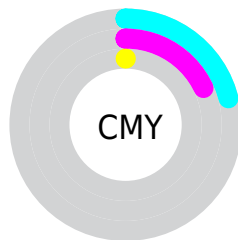
- Red (79%)
- Green (82%)
- Blue (100%)



- Red (79%)
- Yellow (82%)
- Blue (100%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 209, 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 201, 209, 255 by changing the saturation by 10% instead.

■ 201, 209, 255

255, 255, 255

■ 201, 209, 255

■ 173, 181, 226

■ 146, 155, 198

■ 120, 129, 171

■ 94, 104, 144

■ 70, 80, 118

■ 45, 57, 94


■ 21, 36, 70

■ 0, 14, 47


■ 0, 1, 26

 201, 209, 255


 201, 209, 255

 176, 187, 255


 227, 231, 255


 150, 166, 255

 252, 252, 255

 124, 144, 255

255, 255, 255

 99, 122, 255

 73, 100, 255

 48, 79, 255

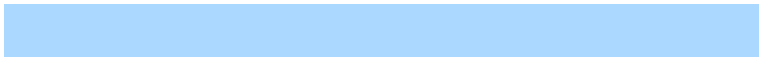
 22, 57, 255

 0, 38, 255

Harmonies

Analogous

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



171, 216, 255



201, 209, 255



230, 201, 243

Triad

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



201, 209, 255



254, 199, 179



165, 224, 199

Complementary

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



201, 209, 255



255, 247, 201

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.



190, 220, 179



201, 209, 255



239, 206, 167

Square

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



201, 209, 255



255, 195, 199



216, 214, 167



149, 224, 223

Rectangle

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



201, 209, 255



245, 197, 230



216, 214, 167



173, 223, 192

Sweetspot

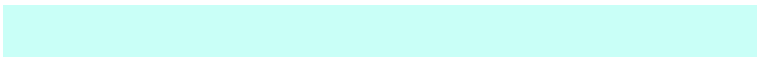
The Sweet Spot groups the original color and five complimentary colors.



201, 209, 255



240, 242, 255



201, 255, 247



119, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 209, 255



191, 201, 255



220, 201, 255



115, 117, 128



0, 28, 191



0, 9, 64

Inverse Universe

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



255, 201, 209



255, 191, 201



236, 255, 201



128, 115, 117



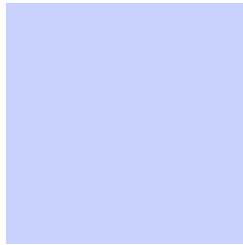
191, 0, 28



64, 0, 9

Previews

White Background



This preview shows how the RGB color 201, 209, 255 looks on a white background.

Color Contrast Check

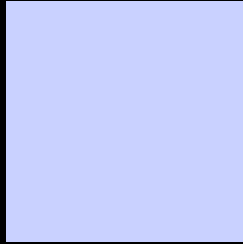
Large Text (above 18pt) WCAG AA × Fail

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 201, 209, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

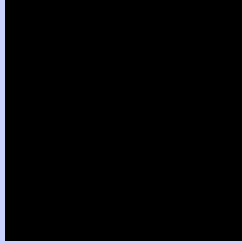
Any Text WCAG AA ✓ Pass

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 201, 209, 255 Background



This preview shows how black text looks on a background with the RGB color 201, 209, 255.



This preview shows how white text looks on a background with the RGB color 201, 209, 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



Original Color
201, 209, 255

Protanopia
201, 209, 255

Deuteranopia
209, 206, 255



Tritanopia
196, 213, 230

Trichromacy



Original Color

201, 209, 255

Protanomaly

201, 209, 255

Deuteranomaly

206, 207, 255

Tritanomaly

198, 212, 239

Monochromacy



Original Color

201, 209, 255

Achromatopsia

212, 212, 212

Achromatomaly

208, 211, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 209, 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(201, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 209, 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(201, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 209, 255) }
```

Border

The CSS property to change the border of an element to RGB 201, 209, 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(201, 209, 255) }
```

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

```
.border{ border-color:rgb(201, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 209,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 201, 209, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 209, 255) }
```

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

```
.background{ background-color: rgb(201,  
209, 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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