

Converting Colors

RGB(196, 207, 255)

Have a look what the booklet for
RGB(196, 207, 255) contains.

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Color

RGB(196, 207, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C4CFFF
RGB	196, 207, 255
RGB Percent	77%, 81%, 100%
CMY	0.2314, 0.1882, 0.0000
CMYK	0.23, 0.19, 0.00, 0.00
HSL	229°, 100%, 88%
HSV	229°, 23%, 100%
XYZ	63.1278, 63.5814, 103.5530
YIQ	209.1830, -21.9640, 12.5960

Conversions

Conversions Part 2

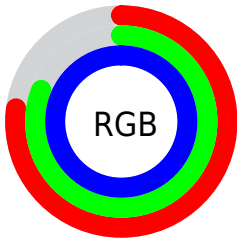
Format	Color
R _Y B	196, 205, 255
Decimal	12898303
CIE Lab	83.75, 6.30, -24.70
CIE LCh	84, 25.494, 284.306
Yxy	63.5814, 0.2742, 0.2761
Android (android.graphics.Color)	4291088383 (0xFFC4CFFF)
YUV	209.1830, 22.5878, -11.5615
Hunter-Lab	79.7380, 1.7753, -21.1814

Details

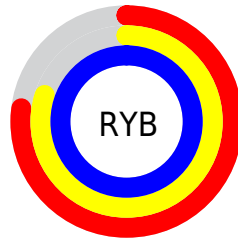
The RGB color **196, 207, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **255, 244, 196**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 253, 255, 255, and **141, 153, 198** is the 20% darker color. If you saturate the color by 10%, you get **171, 186, 255**, and if you desaturate by 10%, it is **222, 228, 255**.

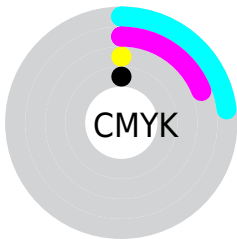
Distribution



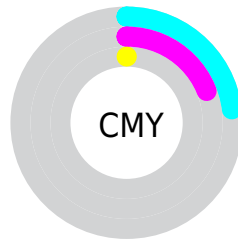
- Red (77%)
- Green (81%)
- Blue (100%)



- Red (77%)
- Yellow (80%)
- Blue (100%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 207, 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 196, 207, 255 by changing the saturation by 10% instead.

■ 196, 207, 255

255, 255, 255

253, 255, 255

■ 196, 207, 255

■ 168, 180, 226

■ 141, 153, 198

■ 115, 127, 171

■ 90, 102, 144

■ 65, 78, 118

■ 40, 55, 94


■ 14, 34, 70

■ 0, 12, 47

■ 0, 1, 26

 196, 207, 255


 196, 207, 255

 171, 186, 255


 222, 228, 255


 145, 166, 255


 247, 248, 255

 120, 145, 255

255, 255, 255

 94, 124, 255

 69, 103, 255

 43, 83, 255

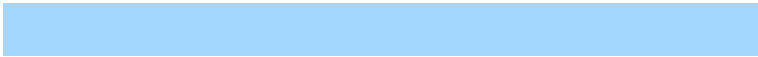
 18, 62, 255

 0, 48, 255

Harmonies

Analogous

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



164, 215, 254



196, 207, 255



227, 199, 243

Triad

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



196, 207, 255



254, 196, 176



162, 222, 195

Complementary

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



196, 207, 255



255, 244, 196

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.



188, 217, 174



196, 207, 255



239, 203, 163

Square

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



196, 207, 255



255, 192, 198



215, 211, 162



144, 223, 220

Rectangle

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



196, 207, 255



243, 195, 230



215, 211, 162



170, 221, 187

Sweetspot

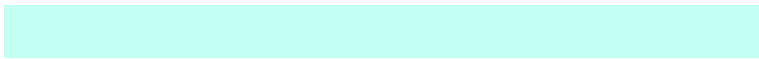
The Sweet Spot groups the original color and five complimentary colors.



196, 207, 255



237, 240, 255



196, 255, 243



117, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 207, 255



184, 197, 255



214, 196, 255



115, 117, 128



0, 36, 191



0, 12, 64

Inverse Universe

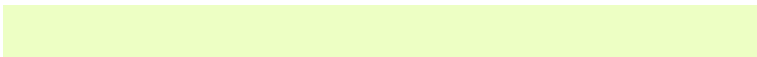
The Inverse Universe completely reimagines the original color for something new.



255, 196, 207



255, 184, 197



237, 255, 196



128, 115, 117



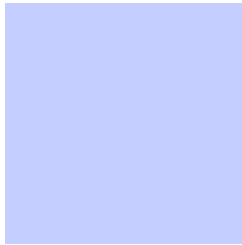
191, 0, 36



64, 0, 12

Previews

White Background



This preview shows how the RGB color 196, 207, 255 looks on a white background.

Color Contrast Check

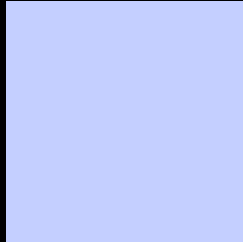
Large Text (above 18pt) WCAG AA × Fail

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 196, 207, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

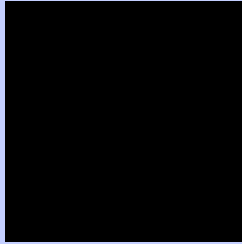
Any Text WCAG AA ✓ Pass

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 196, 207, 255 Background



This preview shows how black text looks on a background with the RGB color 196, 207, 255.



This preview shows how white text looks on a background with the RGB color 196, 207, 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
196, 207, 255

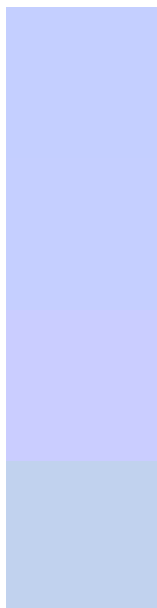
Protanopia
198, 207, 255

Deuteranopia
205, 204, 255



Tritanopia
191, 212, 228

Trichromacy



Original Color

196, 207, 255

Protanomaly

197, 207, 255

Deuteranomaly

202, 205, 255

Tritanomaly

193, 210, 238

Monochromacy



Original Color

196, 207, 255

Achromatopsia

209, 209, 209

Achromatomaly

204, 208, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 207, 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(196, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 207, 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(196, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 207, 255) }
```

Border

The CSS property to change the border of an element to RGB 196, 207, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

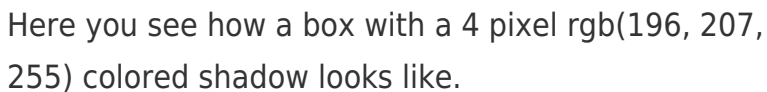
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 207, 255) }
```

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

```
.border{ border-color:rgb(196, 207, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 207,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 196, 207, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 207, 255) }
```

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

```
.background{ background-color: rgb(196,  
207, 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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