

Converting Colors

RGB(196, 208, 247)

Have a look what the booklet for
RGB(196, 208, 247) contains.

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Color

RGB(196, 208, 247)

Conversions

Conversions Part 1

Format	Color
Hex	C4D0F7
RGB	196, 208, 247
RGB Percent	77%, 82%, 97%
CMY	0.2314, 0.1843, 0.0314
CMYK	0.21, 0.16, 0.00, 0.03
HSL	226°, 76%, 87%
HSV	226°, 21%, 97%
XYZ	62.1093, 63.5629, 96.9910
YIQ	208.8580, -19.6710, 9.5850

Conversions

Conversions Part 2

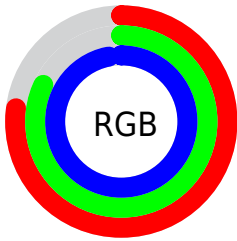
Format	Color
R _Y B	196, 206, 247
Decimal	12898551
CIE Lab	83.74, 3.98, -20.47
CIE LCh	84, 20.859, 281.008
Yxy	63.5629, 0.2789, 0.2855
Android (android.graphics.Color)	4291088631 (0xFFC4D0F7)
YUV	208.8580, 18.8040, -11.2765
Hunter-Lab	79.7264, -0.4640, -16.3208

Details

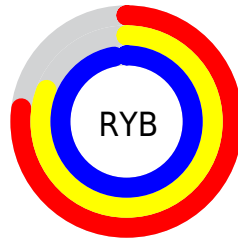
The RGB color **196, 208, 247** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **247, 235, 196**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 253, 255, 255, and **142, 154, 191** is the 20% darker color. If you saturate the color by 10%, you get **171, 189, 247**, and if you desaturate by 10%, it is **221, 227, 247**.

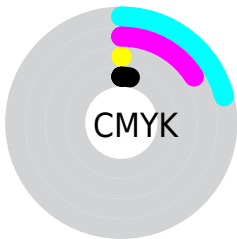
Distribution



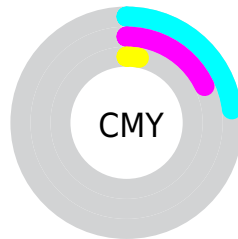
- Red (77%)
- Green (82%)
- Blue (97%)



- Red (77%)
- Yellow (81%)
- Blue (97%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (23%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 208, 247 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, 208, 247 by changing the saturation by 10% instead.

■ 196, 208, 247

255, 255, 255

253, 255, 255

■ 196, 208, 247

■ 168, 180, 218

■ 142, 154, 191

■ 116, 128, 163

■ 90, 103, 137

■ 66, 79, 112

■ 42, 56, 87

■ 18, 35, 64

■ 0, 13, 42

■ 0, 1, 20

■ 196, 208, 247

■ 196, 208, 247

■ 171, 189, 247

■ 221, 227, 247

■ 147, 170, 247

■ 245, 246, 247

■ 122, 151, 247

■ 255, 255, 247

■ 97, 132, 247

■ 73, 114, 247

■ 48, 95, 247

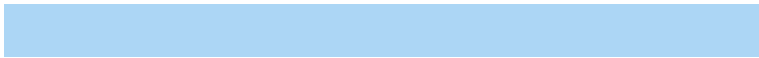
■ 23, 76, 247

■ 0, 58, 247

Harmonies

Analogous

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



172, 214, 245



196, 208, 247



221, 201, 238

Triad

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



196, 208, 247



248, 198, 184



173, 219, 195

Complementary

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



196, 208, 247



247, 235, 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.



194, 215, 179



196, 208, 247



236, 203, 172

Square

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



196, 208, 247



250, 195, 202



217, 210, 170



159, 220, 215

Rectangle

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



196, 208, 247



235, 198, 228



217, 210, 170



180, 218, 189

Sweetspot

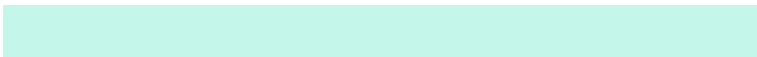
The Sweet Spot groups the original color and five complimentary colors.



196, 208, 247



240, 243, 255



196, 247, 234



119, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 208, 247



191, 206, 255



209, 196, 247



110, 113, 122



0, 44, 186



0, 14, 59

Inverse Universe

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



247, 196, 208



255, 191, 206



234, 247, 196



122, 110, 113



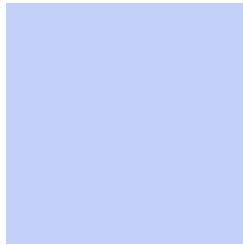
186, 0, 44



59, 0, 14

Previews

White Background



This preview shows how the RGB color 196, 208, 247 looks on a white background.

Color Contrast Check

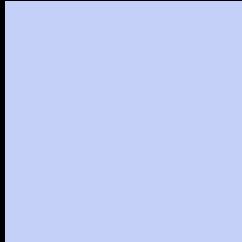
Large Text (above 18pt) WCAG AA × Fail

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, 208, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

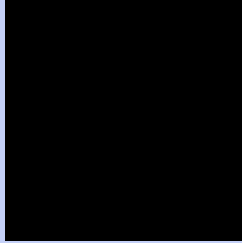
Any Text WCAG AA ✓ Pass

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, 208, 247 Background



This preview shows how black text looks on a background with the RGB color 196, 208, 247.



This preview shows how white text looks on a background with the RGB color 196, 208, 247.

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, 208, 247

Protanopia
201, 207, 246

Deuteranopia
210, 204, 248



Tritanopia
192, 211, 228

Trichromacy



Original Color
196, 208, 247

Protanomaly
199, 207, 246

Deuteranomaly
205, 205, 248

Tritanomaly
193, 210, 235

Monochromacy



Original Color
196, 208, 247

Achromatopsia
209, 209, 209

Achromatomaly
204, 209, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 208, 247 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, 208, 247)` looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 247)  
}
```

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, 208, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 247) }
```

Border

The CSS property to change the border of an element to RGB 196, 208, 247 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, 208, 247) }
```

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

```
.border{ border-color:rgb(196, 208, 247) }
```

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

Here you see how a box with a 4 pixel rgb(196, 208, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 208, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 208, 247);  
box-shadow:4px 4px 4px 4px rgb(196, 208,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 196, 208, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 247) }
```

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

```
.background{ background-color: rgb(196,  
208, 247) }
```

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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