

Converting Colors

RGB(198, 220, 229)

Have a look what the booklet for
RGB(198, 220, 229) contains.

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Color

RGB(198, 220, 229)

Conversions

Conversions Part 1

Format	Color
Hex	C6DCE5
RGB	198, 220, 229
RGB Percent	78%, 86%, 90%
CMY	0.2235, 0.1373, 0.1020
CMYK	0.14, 0.04, 0.00, 0.10
HSL	197°, 37%, 84%
HSV	197°, 14%, 90%
XYZ	63.0248, 68.8493, 84.0962
YIQ	214.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

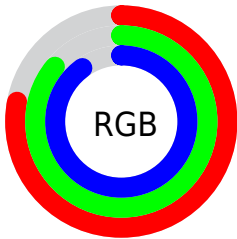
Format	Color
RYB	198, 211, 229
Decimal	13032677
CIELab	86.43, -5.50, -6.90
CIElCh	86, 8.821, 231.441
Yxy	68.8493, 0.2918, 0.3188
Android (android.graphics.Color)	4291222757 (0xFFC6DCE5)
YUV	214.4480, 7.1741, -14.4249
Hunter-Lab	82.9755, -9.6258, -2.0080

Details

The RGB color **198, 220, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **229, 207, 198**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **144, 165, 174** is the 20% darker color. If you saturate the color by 10%, you get **175, 213, 229**, and if you desaturate by 10%, it is **221, 227, 229**.

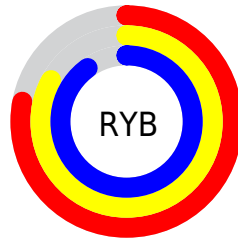
Distribution



Red (78%)

Green (86%)

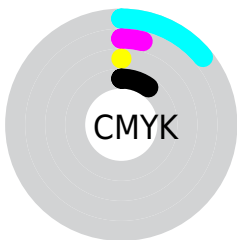
Blue (90%)



Red (78%)

Yellow (83%)

Blue (90%)

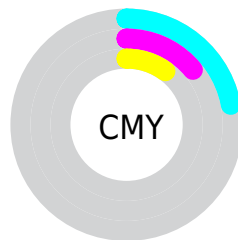


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (10%)



Cyan (22%)

Magenta (14%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 220, 229 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 198, 220, 229 by changing the saturation by 10% instead.

■ 198, 220, 229

255, 255, 255

255, 255, 255

■ 198, 220, 229

■ 171, 192, 201

■ 144, 165, 174

■ 118, 139, 147

■ 93, 113, 121

■ 69, 89, 96

■ 46, 65, 73

■ 24, 43, 50

■ 1, 23, 29

■ 0, 0, 2

■ 198, 220, 229

■ 198, 220, 229

■ 175, 213, 229

■ 221, 227, 229

■ 152, 207, 229

■ 244, 233, 229

■ 129, 200, 229

■ 255, 240, 229

■ 106, 193, 229

■ 255, 247, 229

■ 84, 187, 229

■ 255, 253, 229

■ 61, 180, 229

■ 255, 255, 229

■ 38, 173, 229

■ 15, 167, 229

■ 0, 163, 229

Harmonies

Analogous

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



196, 221, 222



198, 220, 229



205, 218, 233

Triad

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



198, 220, 229



232, 211, 219



217, 218, 201

Complementary

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



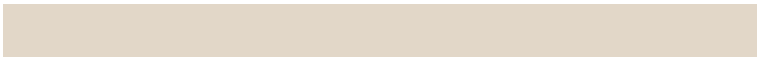
198, 220, 229



229, 207, 198

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.



226, 215, 200



198, 220, 229



235, 211, 210

Square

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



198, 220, 229



225, 212, 227



232, 212, 203



207, 220, 206

Rectangle

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



198, 220, 229



212, 216, 233



232, 212, 203



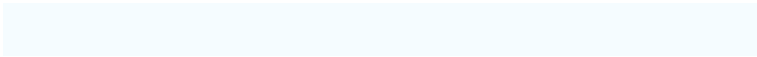
220, 217, 200

Sweetspot

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



198, 220, 229



245, 252, 255



198, 229, 207



121, 126, 128



0, 0, 0



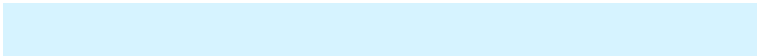
128, 128, 128

Same Dimension

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



198, 220, 229



214, 243, 255



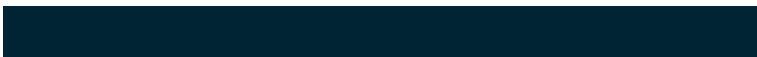
198, 205, 229



103, 111, 115



0, 127, 179



0, 36, 51

Inverse Universe

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



229, 198, 220



255, 214, 243



229, 222, 198



115, 103, 111



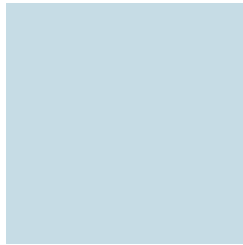
179, 0, 127



51, 0, 36

Previews

White Background



This preview shows how the RGB color 198, 220, 229 looks on a white background.

Color Contrast Check

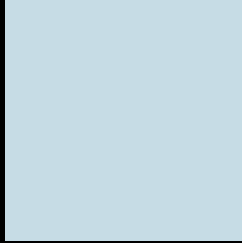
Large Text (above 18pt) WCAG AA × Fail

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 198, 220, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

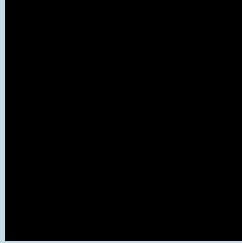
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

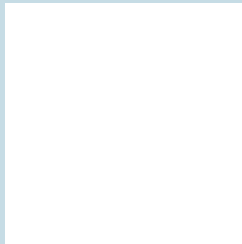
Any Text WCAG AAA ✓ Pass

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

RGB 198, 220, 229 Background



This preview shows how black text looks on a background with the RGB color 198, 220, 229.



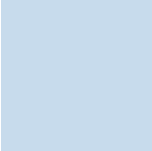
This preview shows how white text looks on a background with the RGB color 198, 220, 229.

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](#).

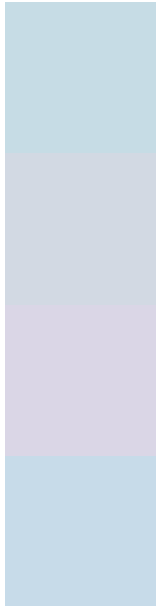
Dichromacy





Tritanopia
199, 219, 236

Trichromacy



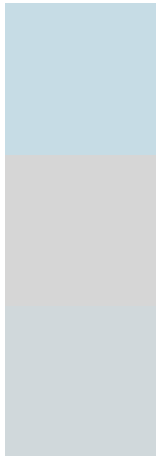
Original Color
198, 220, 229

Protanomaly
210, 217, 227

Deuteranomaly
218, 214, 230

Tritanomaly
199, 219, 233

Monochromacy



Original Color
198, 220, 229

Achromatopsia
214, 214, 214

Achromatomaly
208, 216, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 220, 229 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(198, 220, 229)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 229)  
}
```

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(198, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 229) }
```

Border

The CSS property to change the border of an element to RGB 198, 220, 229 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(198, 220, 229) }
```

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

```
.border{ border-color:rgb(198, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 229);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 198, 220, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 229) }
```

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

```
.background{ background-color: rgb(198,  
220, 229) }
```

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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