

Converting Colors

RGB(199, 217, 228)

Have a look what the booklet for
RGB(199, 217, 228) contains.

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Color

RGB(199, 217, 228)

Conversions

Conversions Part 1

Format	Color
Hex	C7D9E4
RGB	199, 217, 228
RGB Percent	78%, 85%, 89%
CMY	0.2196, 0.1490, 0.1059
CMYK	0.13, 0.05, 0.00, 0.11
HSL	203°, 35%, 84%
HSV	203°, 13%, 89%
XYZ	62.3696, 67.3693, 83.1151
YIQ	212.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

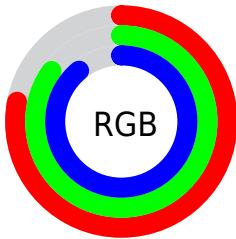
Format	Color
R _Y B	199, 210, 228
Decimal	13097444
CIE Lab	85.69, -3.83, -7.46
CIE LCh	86, 8.381, 242.825
Yxy	67.3693, 0.2930, 0.3165
Android (android.graphics.Color)	4291287524 (0xFFC7D9E4)
YUV	212.8720, 7.4581, -12.1657
Hunter-Lab	82.0788, -8.0001, -2.5835

Details

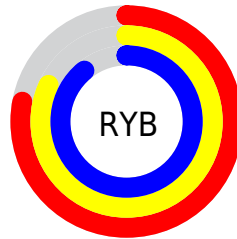
The RGB color **199, 217, 228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **228, 210, 199**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 162, 173** is the 20% darker color. If you saturate the color by 10%, you get **176, 208, 228**, and if you desaturate by 10%, it is **222, 226, 228**.

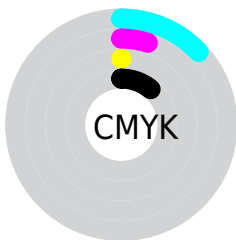
Distribution



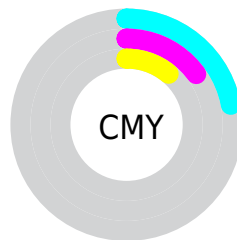
- Red (78%)
- Green (85%)
- Blue (89%)



- Red (78%)
- Yellow (82%)
- Blue (89%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 217, 228 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 199, 217, 228 by changing the saturation by 10% instead.

■ 199, 217, 228

255, 255, 255

■ 199, 217, 228

■ 172, 189, 200

■ 145, 162, 173

■ 119, 136, 146

■ 94, 111, 120

■ 70, 86, 96

■ 47, 63, 72

■ 26, 41, 49

■ 2, 21, 29

■ 0, 0, 0

■ 199, 217, 228

■ 199, 217, 228

■ 176, 208, 228

■ 222, 226, 228

■ 153, 200, 228

■ 245, 234, 228

■ 131, 191, 228

■ 255, 243, 228

■ 108, 182, 228

■ 255, 252, 228

■ 85, 174, 228

■ 255, 255, 228

■ 62, 165, 228

■ 39, 156, 228

■ 17, 148, 228

■ 0, 142, 228

Harmonies

Analogous

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



195, 219, 222



199, 217, 228



207, 215, 230

Triad

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



199, 217, 228



231, 209, 214



211, 216, 201

Complementary

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



199, 217, 228



228, 210, 199

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.



220, 214, 198



199, 217, 228



232, 210, 206

Square

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



199, 217, 228



226, 210, 222



228, 211, 200



202, 218, 207

Rectangle

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



199, 217, 228



214, 213, 229



228, 211, 200



214, 216, 200

Sweetspot

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



199, 217, 228



245, 251, 255



199, 228, 210



121, 125, 128



0, 0, 0



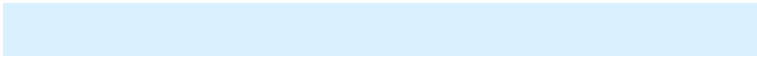
128, 128, 128

Same Dimension

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



199, 217, 228



217, 240, 255



199, 203, 228



103, 110, 115



0, 111, 179



0, 32, 51

Inverse Universe

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



228, 199, 217



255, 217, 240



228, 224, 199



115, 103, 110



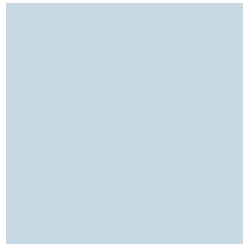
179, 0, 111



51, 0, 32

Previews

White Background



This preview shows how the RGB color 199, 217, 228 looks on a white background.

Color Contrast Check

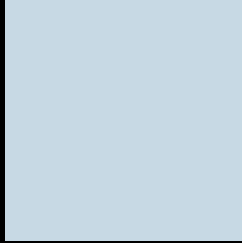
Large Text (above 18pt) WCAG AA × Fail

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 199, 217, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

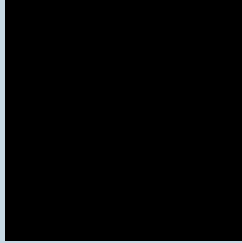
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

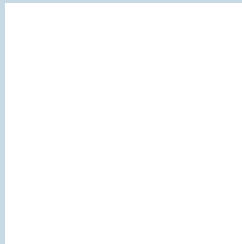
Any Text WCAG AAA ✓ Pass

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

RGB 199, 217, 228 Background



This preview shows how black text looks on a background with the RGB color 199, 217, 228.



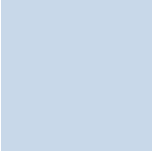
This preview shows how white text looks on a background with the RGB color 199, 217, 228.

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](#).

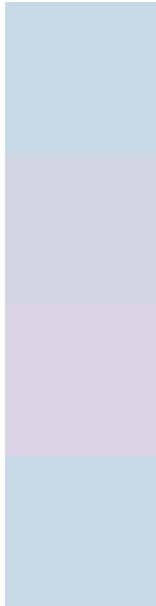
Dichromacy





Tritanopia
200, 216, 233

Trichromacy



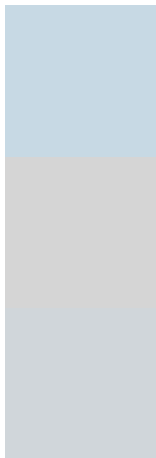
Original Color
199, 217, 228

Protanomaly
209, 214, 226

Deuteranomaly
217, 211, 229

Tritanomaly
200, 216, 231

Monochromacy



Original Color
199, 217, 228

Achromatopsia
213, 213, 213

Achromatomaly
208, 214, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 217, 228 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(199, 217, 228)` looks like.

```
.text, #text, p{  
    color:rgb(199, 217, 228)  
}
```

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(199, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 217, 228) }
```

Border

The CSS property to change the border of an element to RGB 199, 217, 228 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(199, 217, 228) }
```

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

```
.border{ border-color:rgb(199, 217, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 217, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 217, 228);  
box-shadow:4px 4px 4px 4px rgb(199, 217,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 199, 217, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 217, 228) }
```

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

```
.background{ background-color: rgb(199,  
217, 228) }
```

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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