

Converting Colors

RGB(195, 218, 226)

Have a look what the booklet for
RGB(195, 218, 226) contains.

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Color

RGB(195, 218, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C3DAE2
RGB	195, 218, 226
RGB Percent	76%, 85%, 89%
CMY	0.2353, 0.1451, 0.1137
CMYK	0.14, 0.04, 0.00, 0.11
HSL	195°, 35%, 83%
HSV	195°, 14%, 89%
XYZ	61.3045, 67.2359, 81.6982
YIQ	212.0350, -16.2760, -2.3880

Conversions

Conversions Part 2

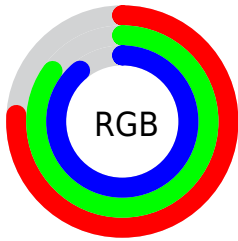
Format	Color
RYB	195, 208, 226
Decimal	12835554
CIELab	85.62, -6.03, -6.53
CIELCh	86, 8.883, 227.287
Yxy	67.2359, 0.2916, 0.3198
Android (android.graphics.Color)	4291025634 (0xFFC3DAE2)
YUV	212.0350, 6.8847, -14.9397
Hunter-Lab	81.9975, -10.0420, -1.6754

Details

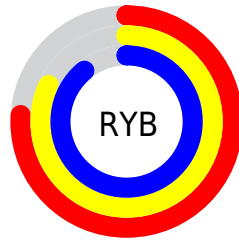
The RGB color **195, 218, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 203, 195**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 252, 255, 255, and **141, 163, 171** is the 20% darker color. If you saturate the color by 10%, you get **172, 212, 226**, and if you desaturate by 10%, it is **218, 224, 226**.

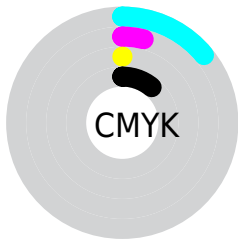
Distribution



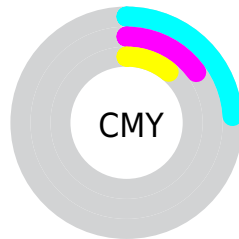
- Red (76%)
- Green (85%)
- Blue (89%)



- Red (76%)
- Yellow (82%)
- Blue (89%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 218, 226 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 195, 218, 226 by changing the saturation by 10% instead.

■ 195, 218, 226

255, 255, 255

■ 252, 255, 255

■ 195, 218, 226

■ 168, 190, 198

■ 141, 163, 171

■ 115, 137, 144

■ 90, 111, 119

■ 67, 87, 94

■ 44, 64, 70

■ 22, 42, 48

■ 0, 22, 27

■ 0, 0, 0

■ 195, 218, 226

■ 195, 218, 226

■ 172, 212, 226

■ 218, 224, 226

■ 150, 206, 226

■ 240, 230, 226

■ 127, 201, 226

■ 255, 235, 226

■ 105, 195, 226

■ 255, 241, 226

■ 82, 189, 226

■ 255, 247, 226

■ 59, 183, 226

■ 255, 253, 226

■ 37, 177, 226

■ 255, 255, 226

■ 14, 171, 226

■ 0, 168, 226

Harmonies

Analogous

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



194, 219, 219



195, 218, 226



202, 216, 230

Triad

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



195, 218, 226



229, 209, 218



216, 215, 198

Complementary

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



195, 218, 226



226, 203, 195

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.



225, 212, 198



195, 218, 226



233, 209, 209

Square

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



195, 218, 226



222, 210, 225



231, 210, 202



206, 217, 202

Rectangle

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



195, 218, 226



208, 214, 231



231, 210, 202



219, 214, 197

Sweetspot

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



195, 218, 226



245, 252, 255



195, 226, 203



121, 126, 128



0, 0, 0



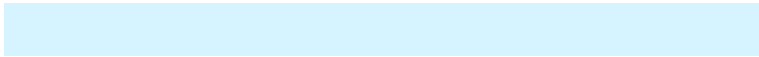
128, 128, 128

Same Dimension

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



195, 218, 226



214, 244, 255



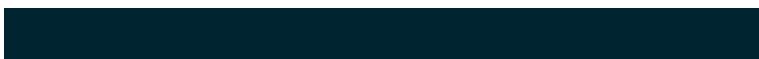
195, 203, 226



101, 109, 112



0, 131, 176



0, 36, 48

Inverse Universe

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



226, 195, 218



255, 214, 244



226, 218, 195



112, 101, 109



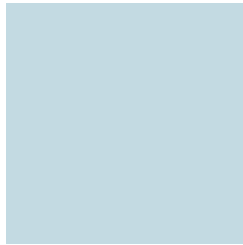
176, 0, 131



48, 0, 36

Previews

White Background



This preview shows how the RGB color 195, 218, 226 looks on a white background.

Color Contrast Check

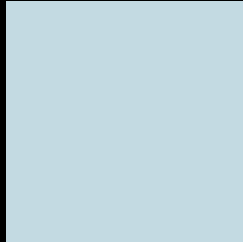
Large Text (above 18pt) WCAG AA × Fail

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 195, 218, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

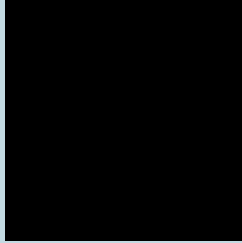
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

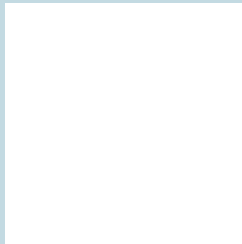
Any Text WCAG AAA ✓ Pass

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

RGB 195, 218, 226 Background



This preview shows how black text looks on a background with the RGB color 195, 218, 226.



This preview shows how white text looks on a background with the RGB color 195, 218, 226.

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](#).

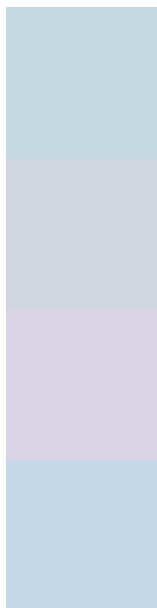
Dichromacy





Tritanopia
196, 217, 234

Trichromacy



Original Color

195, 218, 226

Protanomaly

208, 214, 224

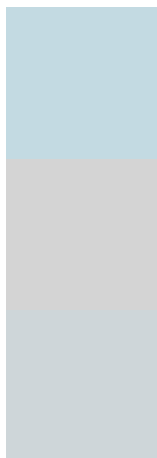
Deuteranomaly

216, 212, 227

Tritanomaly

196, 217, 231

Monochromacy



Original Color

195, 218, 226

Achromatopsia

212, 212, 212

Achromatomaly

206, 214, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 218, 226 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(195, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(195, 218, 226)  
}
```

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(195, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 218, 226) }
```

Border

The CSS property to change the border of an element to RGB 195, 218, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

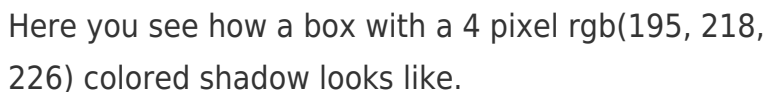
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 218, 226) }
```

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

```
.border{ border-color:rgb(195, 218, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(195, 218,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 195, 218, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 218, 226) }
```

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

```
.background{ background-color: rgb(195,  
218, 226) }
```

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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