

Converting Colors

RGB(193, 200, 212)

Have a look what the booklet for
RGB(193, 200, 212) contains.

RGB(193, 200, 212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(193, 200, 212)

Conversions

Conversions Part 1

Format	Color
Hex	C1C8D4
RGB	193, 200, 212
RGB Percent	76%, 78%, 83%
CMY	0.2431, 0.2157, 0.1686
CMYK	0.09, 0.06, 0.00, 0.17
HSL	218°, 18%, 79%
HSV	218°, 9%, 83%
XYZ	54.5303, 57.3995, 70.4925
YIQ	199.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

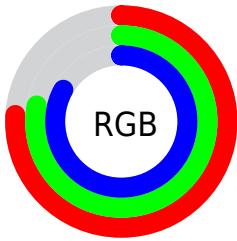
Format	Color
R_{YB}	193, 198, 212
Decimal	12699860
CIE Lab	80.40, -0.07, -6.80
CIE LCh	80, 6.805, 269.439
Yxy	57.3995, 0.2989, 0.3147
Android (android.graphics.Color)	4290889940 (0xFFC1C8D4)
YUV	199.2750, 6.2734, -5.5032
Hunter-Lab	75.7624, -4.1083, -2.1322

Details

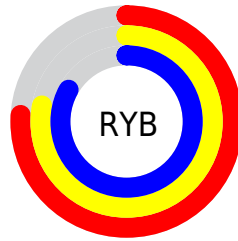
The RGB color **193, 200, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212, 205, 193**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **249, 255, 255**, and **139, 146, 157** is the 20% darker color. If you saturate the color by 10%, you get **172, 187, 212**, and if you desaturate by 10%, it is **214, 213, 212**.

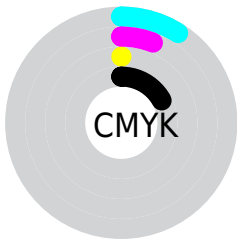
Distribution



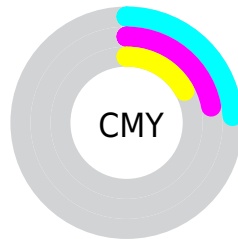
- Red (76%)
- Green (78%)
- Blue (83%)



- Red (76%)
- Yellow (78%)
- Blue (83%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 200, 212 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 193, 200, 212 by changing the saturation by 10% instead.

■ 193, 200, 212

255, 255, 255

■ 249, 255, 255

■ 193, 200, 212

■ 166, 173, 184

■ 139, 146, 157

■ 114, 120, 131

■ 89, 96, 106

■ 66, 72, 82

■ 44, 50, 59


■ 23, 29, 37

■ 0, 2, 17


■ 0, 0, 0

 193, 200, 212

 193, 200, 212

 172, 187, 212

 214, 213, 212

 151, 173, 212


 235, 227, 212

 129, 160, 212


 255, 240, 212


 108, 146, 212

 255, 254, 212

 87, 133, 212

 255, 255, 212

 66, 120, 212

 45, 106, 212

 23, 93, 212

 2, 79, 212

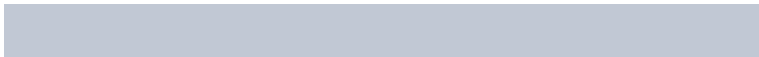
Harmonies

Analogous

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



187, 202, 210



193, 200, 212



201, 198, 210

Triad

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



193, 200, 212



214, 196, 193



191, 203, 193

Complementary

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



193, 200, 212



212, 205, 193

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.



198, 201, 188



193, 200, 212



211, 197, 189

Square

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



193, 200, 212



213, 195, 200



205, 199, 187



186, 203, 199

Rectangle

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



193, 200, 212



206, 197, 208



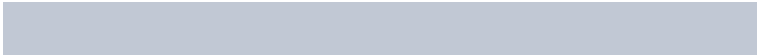
205, 199, 187



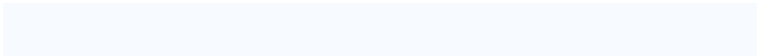
193, 202, 191

Sweetspot

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



193, 200, 212



247, 250, 255



193, 212, 205



122, 124, 128



0, 0, 0



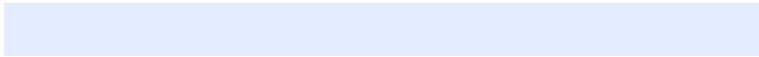
128, 128, 128

Same Dimension

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



193, 200, 212



227, 237, 255



195, 193, 212



96, 100, 107



0, 63, 171



0, 16, 43

Inverse Universe

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



212, 193, 200



255, 227, 237



210, 212, 193



107, 96, 100



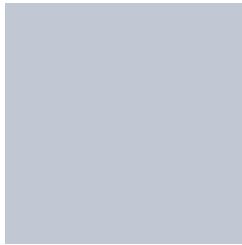
171, 0, 63



43, 0, 16

Previews

White Background



This preview shows how the RGB color 193, 200, 212 looks on a white background.

Color Contrast Check

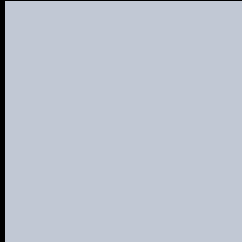
Large Text (above 18pt) WCAG AA × Fail

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 193, 200, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

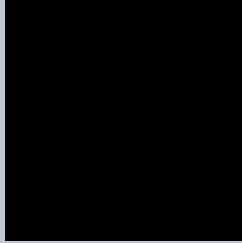
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

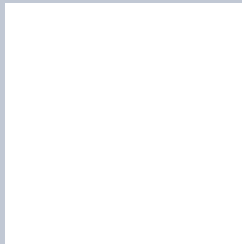
Any Text WCAG AAA ✓ Pass

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

RGB 193, 200, 212 Background



This preview shows how black text looks on a background with the RGB color 193, 200, 212.

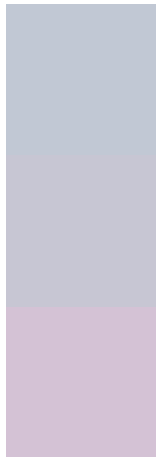


This preview shows how white text looks on a background with the RGB color 193, 200, 212.

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](#).

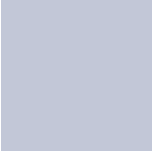
Dichromacy



Original Color
193, 200, 212

Protanopia
199, 198, 211

Deuteranopia
212, 194, 213



Tritanopia

194, 199, 215

Trichromacy



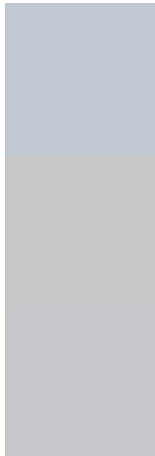
Original Color
193, 200, 212

Protanomaly
197, 199, 211

Deuteranomaly
205, 196, 213

Tritanomaly
194, 199, 214

Monochromacy



Original Color
193, 200, 212

Achromatopsia
199, 199, 199

Achromatomaly
197, 199, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 200, 212 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(193, 200, 212)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 212)  
}
```

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(193, 200, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 212) }
```

Border

The CSS property to change the border of an element to RGB 193, 200, 212 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(193, 200, 212) }
```

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

```
.border{ border-color:rgb(193, 200, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 200, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 200, 212);  
box-shadow:4px 4px 4px 4px rgb(193, 200,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 193, 200, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 212) }
```

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

```
.background{ background-color: rgb(193,  
200, 212) }
```

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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