

Converting Colors

`RYB(193, 199, 209)`

Have a look what the booklet for
RYB(193, 199, 209) contains.

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Color

R_YB(193, 199, 209)

Conversions

Conversions Part 1

Format	Color
Hex	C1CBD1
RGB	193, 203, 209
RGB Percent	76%, 80%, 82%
CMY	0.2431, 0.2055, 0.1804
CMYK	0.08, 0.03, 0.00, 0.18
HSL	204°, 15%, 79%
HSV	204°, 8%, 82%
XYZ	54.7625, 58.4641, 68.7200
YIQ	200.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

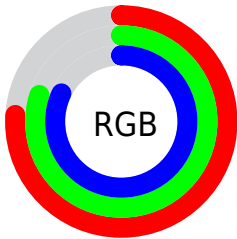
Format	Color
RYB	193, 199, 209
Decimal	12700625
CIELab	81.00, -2.03, -4.32
CIElCh	81, 4.774, 244.825
Yxy	58.4641, 0.3010, 0.3213
Android (android.graphics.Color)	4290890705 (0xFFC1CBD1)
YUV	200.6940, 4.0949, -6.7476
Hunter-Lab	76.4618, -5.9651, 0.2364

Details

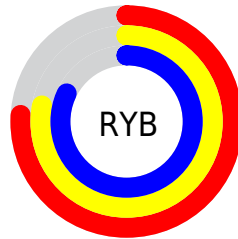
The RYB color **193, 199, 209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 203, 193**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **249, 252, 255**, and **139, 145, 155** is the 20% darker color. If you saturate the color by 10%, you get **172, 186, 209**, and if you desaturate by 10%, it is **214, 212, 209**.

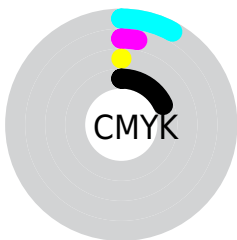
Distribution



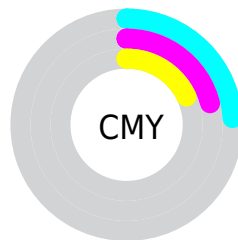
- Red (76%)
- Green (80%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 199, 209 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 RYB color 193, 199, 209 by changing the saturation by 10% instead.

 193, 199, 209


255, 255, 255

 249, 252, 255

 193, 199, 209

 166, 172, 181

 139, 145, 155


 114, 120, 129

 89, 95, 104

 66, 71, 80

 44, 49, 57

 23, 28, 35

 0, 4, 14

 0, 0, 0

■ 193, 199, 209

■ 193, 199, 209

■ 172, 186, 209

■ 214, 212, 209

■ 151, 173, 209

■ 235, 225, 209

■ 130, 160, 209

■ 255, 241, 209

■ 109, 147, 209

■ 241, 255, 209

■ 89, 134, 209

■ 223, 255, 209

■ 68, 121, 209

■ 211, 255, 209

■ 47, 108, 209

■ 209, 255, 209

■ 26, 95, 209

■ 5, 81, 209

Harmonies

Analogous

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



191, 198, 206



193, 199, 209



198, 200, 210

Triad

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



193, 199, 209



211, 198, 200



194, 202, 197

Complementary

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



193, 199, 209



209, 203, 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.



196, 204, 192



193, 199, 209



211, 200, 196

Square

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



193, 199, 209



208, 199, 205



209, 205, 193



194, 201, 203

Rectangle

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



193, 199, 209



201, 200, 209



209, 205, 193



193, 202, 194

Sweetspot

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



193, 199, 209



250, 252, 255



193, 205, 209



125, 126, 128



0, 0, 0



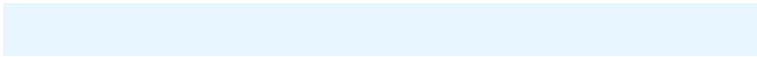
128, 128, 128

Same Dimension

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



193, 199, 209



232, 241, 255



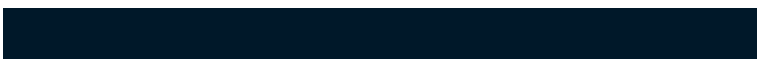
193, 195, 209



94, 98, 105



0, 63, 168



0, 15, 41

Inverse Universe

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



209, 193, 203



255, 232, 246



195, 209, 193



105, 94, 100



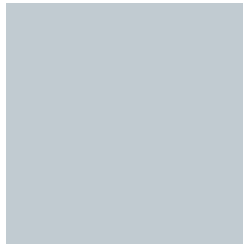
168, 0, 101



41, 0, 24

Previews

White Background



This preview shows how the RYB color 193, 199, 209 looks on a white background.

Color Contrast Check

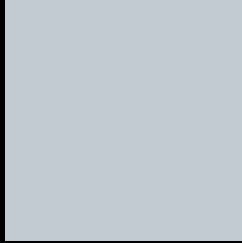
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 193, 199, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

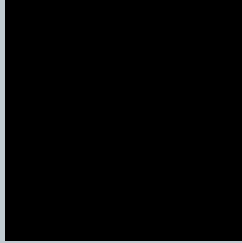
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

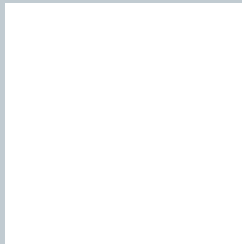
Any Text WCAG AAA ✓ Pass

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

R Y B 193, 199, 209 Background



This preview shows how black text looks on a background with the R Y B color 193, 199, 209.

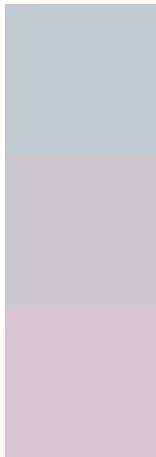


This preview shows how white text looks on a background with the R Y B color 193, 199, 209.

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](#).

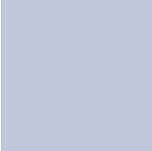
Dichromacy



Original Color
193, 199, 209

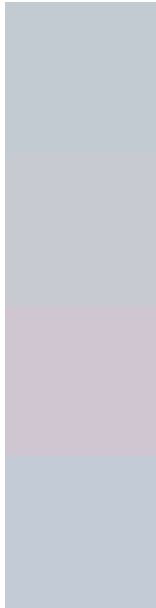
Protanopia
203, 200, 207

Deuteranopia
216, 195, 211



Tritanopia
194, 199, 217

Trichromacy



Original Color

193, 199, 209

Protanomaly

199, 201, 208

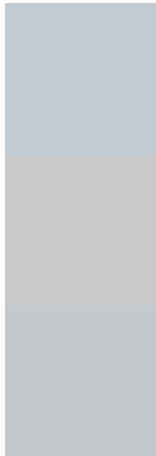
Deuteranomaly

208, 198, 210

Tritanomaly

194, 200, 214

Monochromacy



Original Color

193, 199, 209

Achromatopsia

200, 200, 200

Achromatomaly

197, 199, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 199, 209 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, 203, 209)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 209)  
}
```

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, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 209) }
```

Border

The CSS property to change the border of an element to RYB 193, 199, 209 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, 203, 209) }
```

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

```
.border{ border-color:rgb(193, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 209);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 193, 199, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 209) }
```

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

```
.background{ background-color: rgb(193,  
203, 209) }
```

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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