

Converting Colors

`RYB(193, 208, 217)`

Have a look what the booklet for
RYB(193, 208, 217) contains.

RYB(193, 208, 217)	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

R_YB(193, 208, 217)

Conversions

Conversions Part 1

Format	Color
Hex	C1D9CF
RGB	193, 217, 207
RGB Percent	76%, 85%, 81%
CMY	0.2431, 0.1490, 0.1867
CMYK	0.11, 0.00, 0.04, 0.15
HSL	156°, 24%, 80%
HSV	156°, 11%, 85%
XYZ	58.1166, 65.4878, 68.8655
YIQ	208.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

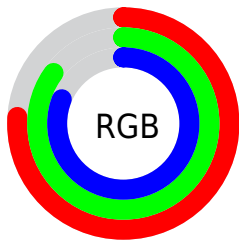
Format	Color
R_{YB}	193, 208, 217
Decimal	12704207
CIE _{Lab}	84.73, -9.82, 2.00
CIE _{LCh}	85, 10.020, 168.465
Yxy	65.4878, 0.3020, 0.3402
Android (android.graphics.Color)	4290894287 (0xFFC1D9CF)
YUV	208.6840, -0.8302, -13.7549
Hunter-Lab	80.9245, -13.4265, 6.1923

Details

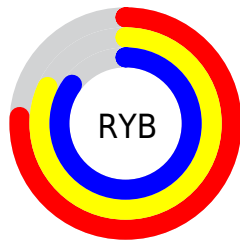
The RYB color **193, 208, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 193, 203**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **250, 253, 255**, and **139, 153, 162** is the 20% darker color. If you saturate the color by 10%, you get **171, 200, 217**, and if you desaturate by 10%, it is **215, 216, 217**.

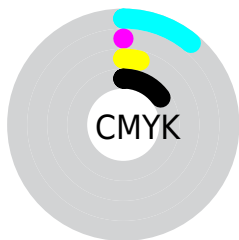
Distribution



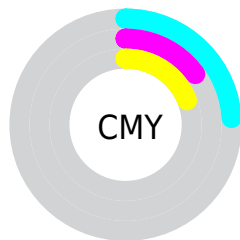
- Red (76%)
- Green (85%)
- Blue (81%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 208, 217 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, 208, 217 by changing the saturation by 10% instead.

 193, 208, 217

255, 255, 255


 250, 253, 255


 193, 208, 217


 166, 180, 189

 139, 153, 162

 114, 128, 136

 89, 103, 111

 65, 78, 86

 43, 56, 63


 22, 34, 41

 0, 13, 21


 0, 0, 0

 193, 208, 217

 193, 208, 217

 171, 200, 217

 215, 216, 217

 150, 192, 217


 236, 217, 225

 128, 184, 217


 255, 217, 233

 106, 175, 217


 255, 217, 242


 85, 168, 217

 255, 217, 251

 63, 159, 217

 255, 217, 255

 41, 151, 217

 19, 143, 217

 0, 136, 217

Harmonies

Analogous

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



199, 215, 212



193, 208, 217



188, 203, 217

Triad

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



193, 208, 217



209, 210, 229



230, 211, 198

Complementary

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



193, 208, 217



217, 193, 203

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.



232, 205, 206



193, 208, 217



220, 207, 224

Square

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



193, 208, 217



198, 208, 230



229, 206, 216



216, 223, 193

Rectangle

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



193, 208, 217



189, 204, 223



229, 206, 216



232, 207, 200

Sweetspot

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



193, 208, 217



247, 252, 255



193, 217, 207



122, 126, 128



0, 0, 0



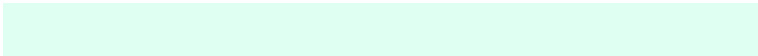
128, 128, 128

Same Dimension

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



193, 208, 217



222, 243, 255



193, 204, 217



99, 106, 110



0, 108, 173



0, 29, 46

Inverse Universe

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



217, 193, 203



255, 222, 235



217, 195, 193



110, 99, 103



173, 0, 69



46, 0, 18

Previews

White Background



This preview shows how the RYB color 193, 208, 217 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, 208, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

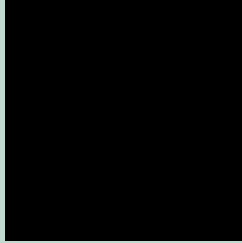
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

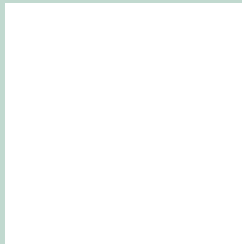
Any Text WCAG AAA ✓ Pass

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

RYB 193, 208, 217 Background



This preview shows how black text looks on a background with the RYB color 193, 208, 217.

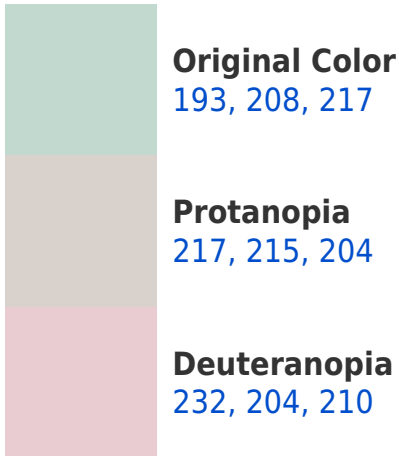


This preview shows how white text looks on a background with the RYB color 193, 208, 217.

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
197, 208, 230

Trichromacy



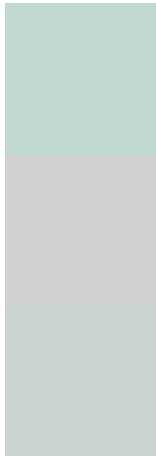
Original Color
193, 208, 217

Protanomaly
205, 213, 210

Deuteranomaly
218, 209, 209

Tritanomaly
196, 207, 222

Monochromacy



Original Color
193, 208, 217

Achromatopsia
209, 209, 209

Achromatomaly
203, 209, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 208, 217 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, 217, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 217, 207)  
}
```

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, 217, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 217, 207) }
```

Border

The CSS property to change the border of an element to RYB 193, 208, 217 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, 217, 207) }
```

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

```
.border{ border-color:rgb(193, 217, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 217, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 217, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 217, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 217,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 193, 208, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 217, 207) }
```

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

```
.background{ background-color: rgb(193,  
217, 207) }
```

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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