

Converting Colors

`RYB(196, 208, 218)`

Have a look what the booklet for
RYB(196, 208, 218) contains.

RYB(196, 208, 218)	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(196, 208, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C4DAD6
RGB	196, 218, 214
RGB Percent	77%, 85%, 84%
CMY	0.2314, 0.1451, 0.1595
CMYK	0.10, 0.00, 0.02, 0.15
HSL	170°, 23%, 81%
HSV	170°, 10%, 85%
XYZ	60.0166, 66.7507, 73.5627
YIQ	210.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

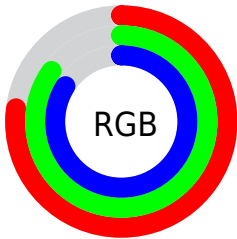
Format	Color
RYB	196, 208, 218
Decimal	12901078
CIELab	85.38, -8.02, -0.70
CIELCh	85, 8.047, 185.024
Yxy	66.7507, 0.2996, 0.3332
Android (android.graphics.Color)	4291091158 (0xFFC4DAD6)
YUV	210.9660, 1.4958, -13.1252
Hunter-Lab	81.7011, -11.8530, 3.8067

Details

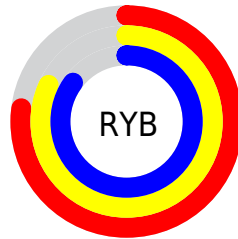
The RYB color **196, 208, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 196, 200**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **253, 254, 255**, and **142, 154, 163** is the 20% darker color. If you saturate the color by 10%, you get **174, 198, 218**, and if you desaturate by 10%, it is **218, 218, 218**.

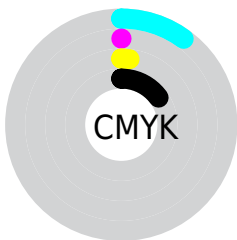
Distribution



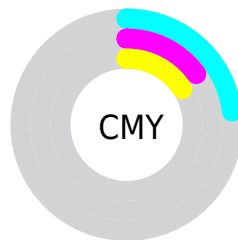
- Red (77%)
- Green (85%)
- Blue (84%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 208, 218 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 196, 208, 218 by changing the saturation by 10% instead.

■ 196, 208, 218

255, 255, 255

253, 254, 255

■ 196, 208, 218

■ 169, 180, 190

■ 142, 153, 163

■ 116, 127, 137

■ 92, 102, 111

■ 68, 78, 87

■ 45, 55, 64


■ 24, 34, 42

■ 0, 12, 22


■ 0, 0, 0

 196, 208, 218


 196, 208, 218

 174, 198, 218

 218, 218, 218

 152, 188, 218


 240, 218, 222

 131, 179, 218


 255, 218, 225

 109, 168, 218


 255, 218, 229

 87, 159, 218


 255, 218, 232

 65, 148, 218


 255, 218, 236

 43, 138, 218

 255, 218, 240

 22, 129, 218

 255, 218, 243

 0, 119, 218

 255, 218, 247

Harmonies

Analogous

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



201, 213, 217



196, 208, 218



195, 207, 222

Triad

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



196, 208, 218



217, 211, 226



226, 219, 200

Complementary

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



196, 208, 218



218, 196, 200

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.



230, 210, 205



196, 208, 218



225, 209, 220

Square

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



196, 208, 218



207, 212, 228



229, 208, 212



206, 219, 198

Rectangle

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



196, 208, 218



197, 209, 225



229, 208, 212



228, 215, 201

Sweetspot

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



196, 208, 218



247, 251, 255



196, 218, 214



122, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 208, 218



224, 241, 255



196, 205, 218



99, 105, 110



0, 94, 173



0, 25, 46

Inverse Universe

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



218, 196, 200



255, 224, 230



218, 206, 196



110, 99, 101



173, 0, 29



46, 0, 8

Previews

White Background



This preview shows how the RYB color 196, 208, 218 looks on a white background.

Color Contrast Check

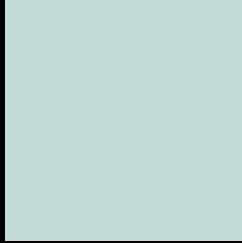
Large Text (above 18pt) WCAG AA × Fail

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 196, 208, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

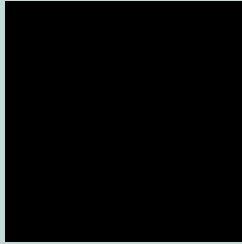
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

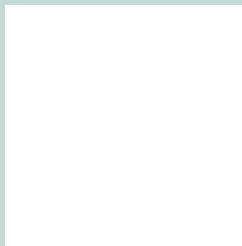
Any Text WCAG AAA ✓ Pass

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

RYB 196, 208, 218 Background



This preview shows how black text looks on a background with the RYB color 196, 208, 218.



This preview shows how white text looks on a background with the RYB color 196, 208, 218.

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](#).

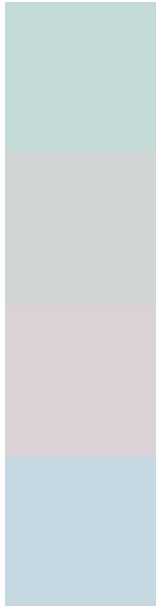
Dichromacy





Tritanopia
199, 210, 232

Trichromacy



Original Color

196, 208, 218

Protanomaly

209, 212, 214

Deuteranomaly

219, 210, 216

Tritanomaly

198, 209, 226

Monochromacy



Original Color

196, 208, 218

Achromatopsia

211, 211, 211

Achromatomaly

206, 211, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 208, 218 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(196, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 218, 214)  
}
```

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(196, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 218, 214) }
```

Border

The CSS property to change the border of an element to RYB 196, 208, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

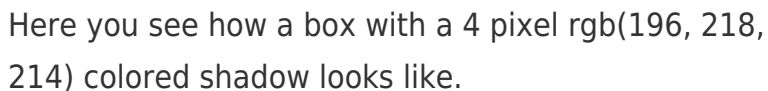
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 218, 214) }
```

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

```
.border{ border-color:rgb(196, 218, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 218,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 196, 208, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 218, 214) }
```

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

```
.background{ background-color: rgb(196,  
218, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor