

Converting Colors

`RYB(196, 203, 208)`

Have a look what the booklet for
RYB(196, 203, 208) contains.

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Color

R_YB(196, 203, 208)

Conversions

Conversions Part 1

Format	Color
Hex	C4D0CD
RGB	196, 208, 205
RGB Percent	77%, 82%, 80%
CMY	0.2314, 0.1843, 0.1978
CMYK	0.06, 0.00, 0.02, 0.18
HSL	163°, 11%, 79%
HSV	163°, 6%, 82%
XYZ	56.2886, 61.2346, 66.3395
YIQ	204.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

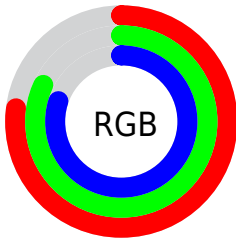
Format	Color
RYB	196, 203, 208
Decimal	12898509
CIELab	82.50, -4.70, 0.28
CIElCh	83, 4.713, 176.538
Yxy	61.2346, 0.3061, 0.3330
Android (android.graphics.Color)	4291088589 (0xFFC4D0CD)
YUV	204.0700, 0.4585, -7.0774
Hunter-Lab	78.2526, -8.5434, 4.5130

Details

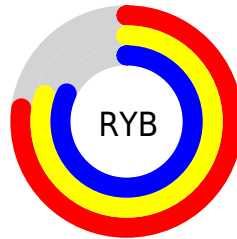
The RYB color **196, 203, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 196, 199**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 253, 254, 255, and **142, 149, 154** is the 20% darker color. If you saturate the color by 10%, you get **175, 194, 208**, and if you desaturate by 10%, it is **217, 208, 211**.

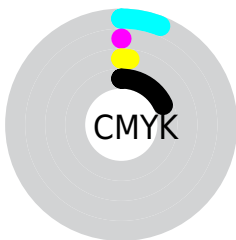
Distribution



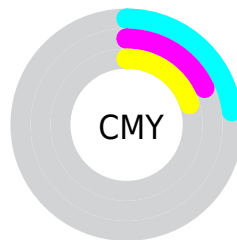
- Red (77%)
- Green (82%)
- Blue (80%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 203, 208 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, 203, 208 by changing the saturation by 10% instead.

■ 196, 203, 208

255, 255, 255

253, 254, 255

■ 196, 203, 208

■ 169, 175, 180

■ 142, 149, 154

■ 117, 123, 128

■ 92, 98, 103

■ 68, 74, 79

■ 46, 52, 56

■ 25, 30, 34

■ 0, 8, 13


■ 0, 0, 0

 196, 203, 208


 196, 203, 208

 175, 194, 208


 217, 208, 211

 154, 185, 208


 238, 208, 216

 134, 177, 208


 255, 208, 222

 113, 168, 208


 255, 208, 228

 92, 160, 208


 255, 208, 234

 71, 151, 208

 255, 208, 240

 50, 142, 208

 255, 208, 246

 30, 134, 208

 255, 208, 252

 9, 125, 208

 255, 208, 255

Harmonies

Analogous

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



200, 207, 207



196, 203, 208



195, 202, 209

Triad

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



196, 203, 208



206, 204, 213



214, 205, 198

Complementary

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



196, 203, 208



208, 196, 199

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.



215, 203, 201



196, 203, 208



211, 203, 210

Square

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



196, 203, 208



200, 204, 214



214, 202, 206



205, 210, 197

Rectangle

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



196, 203, 208



196, 203, 212



214, 202, 206



214, 204, 199

Sweetspot

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



196, 203, 208



250, 253, 255



196, 208, 204



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 203, 208



237, 247, 255



196, 201, 208



96, 101, 105



0, 98, 168



0, 24, 41

Inverse Universe

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



208, 196, 199



255, 237, 242



208, 198, 196



105, 96, 99



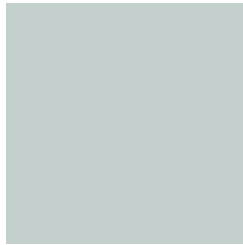
168, 0, 48



41, 0, 12

Previews

White Background



This preview shows how the RYB color 196, 203, 208 looks on a white background.

Color Contrast Check

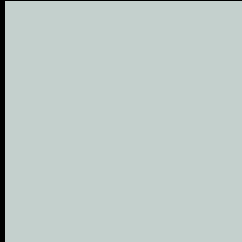
Large Text (above 18pt) WCAG AA × Fail

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, 203, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

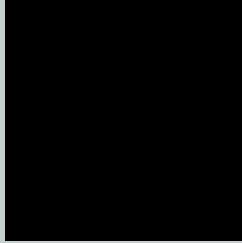
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

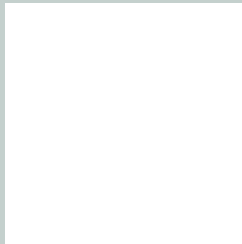
Any Text WCAG AAA ✓ Pass

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

RYB 196, 203, 208 Background



This preview shows how black text looks on a background with the RYB color 196, 203, 208.



This preview shows how white text looks on a background with the RYB color 196, 203, 208.

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, 204, 222

Trichromacy



Original Color
196, 203, 208

Protanomaly
203, 205, 204

Deuteranomaly
214, 202, 205

Tritanomaly
198, 204, 216

Monochromacy



Original Color
196, 203, 208

Achromatopsia
204, 204, 204

Achromatomaly
201, 203, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 203, 208 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, 208, 205)` looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 205)  
}
```

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, 208, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 205) }
```

Border

The CSS property to change the border of an element to RYB 196, 203, 208 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, 208, 205) }
```

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

```
.border{ border-color:rgb(196, 208, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 208, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 208, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 208, 205);  
box-shadow:4px 4px 4px 4px rgb(196, 208,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 196, 203, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 205) }
```

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

```
.background{ background-color: rgb(196,  
208, 205) }
```

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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