

Converting Colors

`RYB(189, 202, 208)`

Have a look what the booklet for
RYB(189, 202, 208) contains.

RYB(189, 202, 208)	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(189, 202, 208)

Conversions

Conversions Part 1

Format	Color
Hex	BDD0C6
RGB	189, 208, 198
RGB Percent	74%, 82%, 78%
CMY	0.2588, 0.1843, 0.2244
CMYK	0.09, 0.00, 0.05, 0.18
HSL	148°, 17%, 78%
HSV	148°, 9%, 82%
XYZ	53.7086, 59.9971, 62.0365
YIQ	201.1790, -8.1140, -7.1380

Conversions

Conversions Part 2

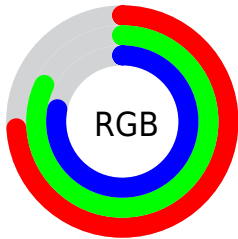
Format	Color
RYB	189, 202, 208
Decimal	12439750
CIELab	81.84, -8.34, 2.88
CIELCh	82, 8.824, 160.944
Yxy	59.9971, 0.3056, 0.3414
Android (android.graphics.Color)	4290629830 (0xFFBDD0C6)
YUV	201.1790, -1.5672, -10.6810
Hunter-Lab	77.4578, -11.7808, 6.7347

Details

The RYB color **189, 202, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 189, 199**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **245, 250, 255**, and **136, 148, 154** is the 20% darker color. If you saturate the color by 10%, you get **168, 195, 208**, and if you desaturate by 10%, it is **210, 208, 209**.

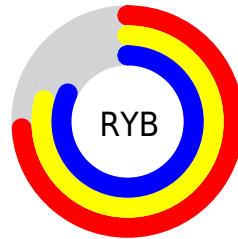
Distribution



Red (74%)

Green (82%)

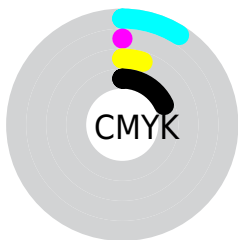
Blue (78%)



Red (74%)

Yellow (79%)

Blue (82%)

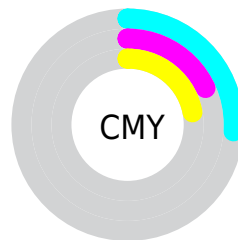


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 202, 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 189, 202, 208 by changing the saturation by 10% instead.


 189, 202, 208


255, 255, 255

 245, 250, 255

 189, 202, 208

 162, 174, 180

 136, 148, 154


 110, 122, 128

 86, 98, 103

 62, 74, 79

 40, 51, 56

 20, 29, 34

 0, 12, 12

 0, 0, 0

 189, 202, 208

 189, 202, 208

 168, 195, 208


 210, 208, 209

 147, 189, 208


 231, 208, 220

 127, 183, 208


 251, 208, 231

 106, 176, 208


 255, 208, 243


 85, 169, 208

 255, 208, 254

 64, 162, 208

 255, 208, 255

 43, 156, 208

 23, 150, 208

 2, 143, 208

Harmonies

Analogous

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



191, 206, 199



189, 202, 208



184, 197, 209

Triad

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



189, 202, 208



199, 202, 220



221, 201, 193

Complementary

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



189, 202, 208



208, 189, 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.



221, 198, 201



189, 202, 208



209, 200, 216

Square

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



189, 202, 208



189, 200, 219



217, 199, 209



216, 212, 188

Rectangle

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



189, 202, 208



183, 196, 212



217, 199, 209



222, 198, 195

Sweetspot

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



189, 202, 208



247, 252, 255



189, 208, 198



122, 126, 128



0, 0, 0



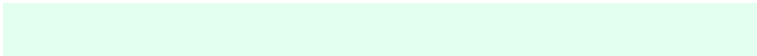
128, 128, 128

Same Dimension

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



189, 202, 208



227, 246, 255



189, 199, 208



94, 102, 105



0, 115, 168



0, 28, 41

Inverse Universe

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



208, 189, 199



255, 227, 242



208, 189, 190



105, 94, 100



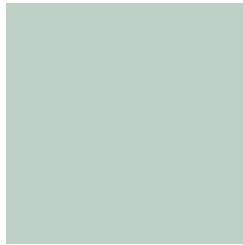
168, 0, 91



41, 0, 22

Previews

White Background



This preview shows how the RYB color 189, 202, 208 looks on a white background.

Color Contrast Check

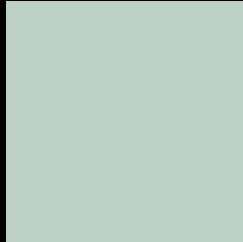
Large Text (above 18pt) WCAG AA × Fail

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 189, 202, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

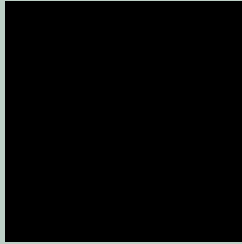
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

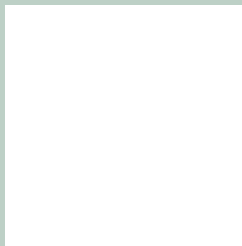
Any Text WCAG AAA ✓ Pass

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

R/Y/B 189, 202, 208 Background



This preview shows how black text looks on a background with the R/Y/B color 189, 202, 208.

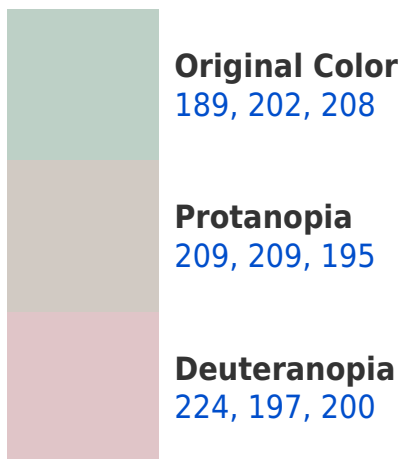


This preview shows how white text looks on a background with the R/Y/B color 189, 202, 208.

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
193, 201, 221

Trichromacy



Original Color

189, 202, 208

Protanomaly

196, 204, 198

Deuteranomaly

211, 201, 199

Tritanomaly

192, 200, 213

Monochromacy



Original Color

189, 202, 208

Achromatopsia

201, 201, 201

Achromatomaly

197, 202, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 202, 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(189, 208, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 198)  
}
```

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(189, 208, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 198) }
```

Border

The CSS property to change the border of an element to RYB 189, 202, 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(189, 208, 198) }
```

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

```
.border{ border-color:rgb(189, 208, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 208, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 189, 202, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 198) }
```

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

```
.background{ background-color: rgb(189,  
208, 198) }
```

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