

Converting Colors

`RYB(189, 199, 208)`

Have a look what the booklet for
RYB(189, 199, 208) contains.

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Color

R_YB(189, 199, 208)

Conversions

Conversions Part 1

Format	Color
Hex	BDD0CE
RGB	189, 208, 206
RGB Percent	74%, 82%, 81%
CMY	0.2588, 0.1843, 0.1918
CMYK	0.09, 0.00, 0.01, 0.18
HSL	174°, 17%, 78%
HSV	174°, 9%, 82%
XYZ	54.6949, 60.3917, 67.2303
YIQ	202.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

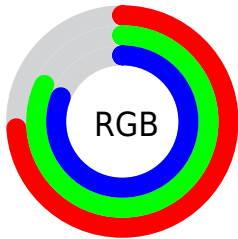
Format	Color
RYB	189, 199, 208
Decimal	12439758
CIELab	82.05, -6.75, -1.25
CIELCh	82, 6.863, 190.527
Yxy	60.3917, 0.3000, 0.3312
Android (android.graphics.Color)	4290629838 (0xFFBDD0CE)
YUV	202.0910, 1.9271, -11.4808
Hunter-Lab	77.7121, -10.3653, 3.1055

Details

The RYB color **189, 199, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 189, 191**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **245, 250, 255**, and **136, 146, 154** is the 20% darker color. If you saturate the color by 10%, you get **168, 189, 208**, and if you desaturate by 10%, it is **210, 208, 208**.

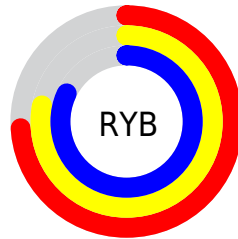
Distribution



Red (74%)

Green (82%)

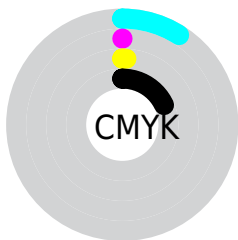
Blue (81%)



Red (74%)

Yellow (78%)

Blue (82%)

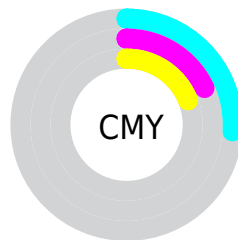


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 199, 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, 199, 208 by changing the saturation by 10% instead.

■ 189, 199, 208

255, 255, 255

■ 245, 250, 255

■ 189, 199, 208

■ 162, 171, 180

■ 136, 146, 154

■ 110, 120, 128

■ 86, 95, 103

■ 62, 71, 79

■ 40, 49, 56


■ 19, 27, 34

■ 0, 7, 13

■ 0, 0, 0


 189, 199, 208

 189, 199, 208

 168, 189, 208


 210, 208, 208

 147, 179, 208


 231, 208, 210

 127, 170, 208


 251, 208, 212

 106, 160, 208


 255, 208, 214

 85, 150, 208


 255, 208, 217

 64, 140, 208


 255, 208, 219

 43, 130, 208

 255, 208, 221

 23, 121, 208

 255, 208, 223

 2, 111, 208

 255, 208, 225

Harmonies

Analogous

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



193, 203, 208



189, 199, 208



189, 199, 212

Triad

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



189, 199, 208



208, 202, 214



214, 210, 192

Complementary

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



189, 199, 208



208, 189, 191

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.



218, 202, 196



189, 199, 208



215, 200, 208

Square

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



189, 199, 208



200, 203, 217



218, 200, 202



195, 207, 191

Rectangle

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



189, 199, 208



191, 200, 215



218, 200, 202



215, 208, 193

Sweetspot

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



189, 199, 208



247, 251, 255



189, 208, 206



122, 125, 128



0, 0, 0



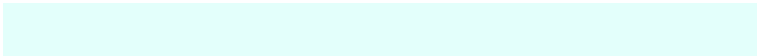
128, 128, 128

Same Dimension

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



189, 199, 208



227, 242, 255



189, 196, 208



94, 100, 105



0, 88, 168



0, 22, 41

Inverse Universe

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



208, 189, 191



255, 227, 230



208, 203, 189



105, 94, 95



168, 0, 17



41, 0, 4

Previews

White Background



This preview shows how the RYB color 189, 199, 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, 199, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

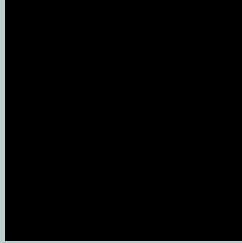
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

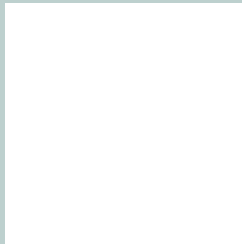
Any Text WCAG AAA ✓ Pass

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

R/Y/B 189, 199, 208 Background



This preview shows how black text looks on a background with the R/Y/B color 189, 199, 208.



This preview shows how white text looks on a background with the R/Y/B color 189, 199, 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](#).

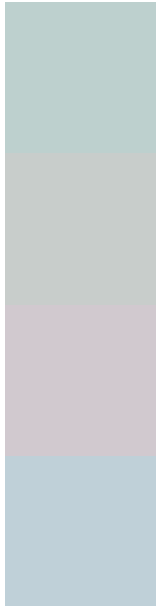
Dichromacy





Tritanopia
192, 202, 222

Trichromacy



Original Color

189, 199, 208

Protanomaly

200, 203, 205

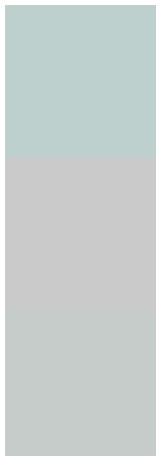
Deuteranomaly

209, 201, 207

Tritanomaly

191, 201, 216

Monochromacy



Original Color

189, 199, 208

Achromatopsia

202, 202, 202

Achromatomaly

197, 201, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 199, 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 206) }
```

Border

The CSS property to change the border of an element to RYB 189, 199, 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, 206) }
```

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

```
.border{ border-color:rgb(189, 208, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 189, 199, 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, 206) }
```

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

```
.background{ background-color: rgb(189,  
208, 206) }
```

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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