

Converting Colors

`RYB(189, 208, 196)`

Have a look what the booklet for
RYB(189, 208, 196) contains.

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Color

R_YB(189, 208, 196)

Conversions

Conversions Part 1

Format	Color
Hex	C9D0BD
RGB	201, 208, 189
RGB Percent	79%, 82%, 74%
CMY	0.2118, 0.1843, 0.2588
CMYK	0.03, 0.00, 0.09, 0.18
HSL	82°, 17%, 78%
HSV	82°, 9%, 82%
XYZ	55.8286, 61.2034, 57.0151
YIQ	203.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

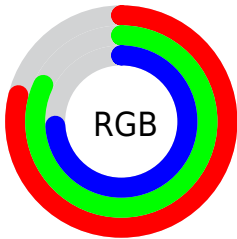
Format	Color
R _Y B	189, 208, 196
Decimal	13226173
CIE Lab	82.49, -5.78, 8.60
CIE LCh	82, 10.364, 123.887
Yxy	61.2034, 0.3208, 0.3516
Android (android.graphics.Color)	4291416253 (0xFFC9D0BD)
YUV	203.7410, -7.2673, -2.4039
Hunter-Lab	78.2326, -9.5253, 11.5529

Details

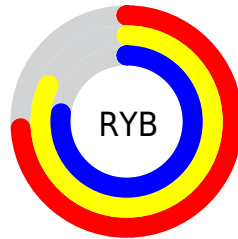
The RYB color **189, 208, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 189, 208**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **245, 255, 245**, and **136, 154, 143** is the 20% darker color. If you saturate the color by 10%, you get **168, 208, 183**, and if you desaturate by 10%, it is **209, 208, 210**.

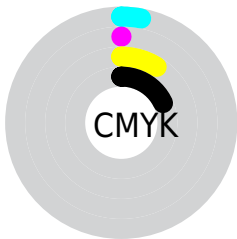
Distribution



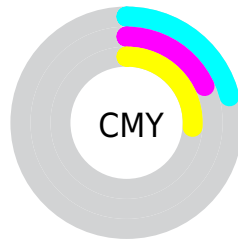
- Red (79%)
- Green (82%)
- Blue (74%)



- Red (74%)
- Yellow (82%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 208, 196 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, 208, 196 by changing the saturation by 10% instead.

 189, 208, 196

255, 255, 255

 245, 255, 245

 189, 208, 196


 162, 180, 168

 136, 154, 143

 110, 128, 117

 86, 103, 93

 63, 79, 69

 41, 56, 47

 20, 34, 25

 0, 13, 13

 0, 0, 0

 189, 208, 196

 189, 208, 196

 168, 208, 183

 209, 208, 210

 147, 208, 169

 216, 208, 231

 127, 208, 157

 224, 208, 251

 106, 208, 144

 232, 208, 255

 85, 208, 130

 239, 208, 255

 64, 208, 117

 247, 208, 255

 43, 208, 104

 255, 208, 255

 23, 208, 91

 2, 208, 78

Harmonies

Analogous

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



196, 212, 186



189, 208, 196



190, 205, 210

Triad

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



189, 208, 196



187, 201, 222



226, 199, 204

Complementary

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



189, 208, 196



196, 189, 208

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.



219, 200, 214



189, 208, 196



197, 204, 224

Square

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



189, 208, 196



181, 197, 216



209, 202, 221



226, 201, 195

Rectangle

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



189, 208, 196



185, 200, 211



209, 202, 221



224, 199, 208

Sweetspot

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



189, 208, 196



247, 255, 250



208, 200, 189



122, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



189, 208, 196



227, 255, 237



189, 208, 205



94, 105, 98



0, 168, 62



0, 41, 15

Inverse Universe

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



196, 189, 208



237, 227, 255



205, 189, 208



98, 94, 105



62, 0, 168



15, 0, 41

Previews

White Background



This preview shows how the RYB color 189, 208, 196 looks on a white background.

Color Contrast Check

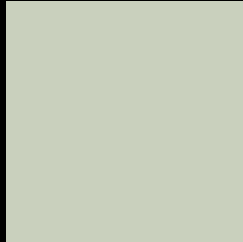
Large Text (above 18pt) WCAG AA × Fail

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, 208, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

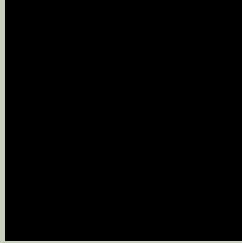
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

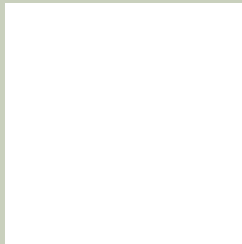
Any Text WCAG AAA ✓ Pass

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

RYB 189, 208, 196 Background



This preview shows how black text looks on a background with the RYB color 189, 208, 196.



This preview shows how white text looks on a background with the RYB color 189, 208, 196.

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
206, 204, 220

Trichromacy



Original Color
189, 208, 196

Protanomaly
193, 209, 188

Deuteranomaly
219, 210, 190

Tritanomaly
204, 205, 209

Monochromacy



Original Color
189, 208, 196

Achromatopsia
204, 204, 204

Achromatomaly
199, 205, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 208, 196 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(201, 208, 189) looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 189)  
}
```

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(201, 208, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 189) }
```

Border

The CSS property to change the border of an element to RYB 189, 208, 196 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(201, 208, 189) }
```

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

```
.border{ border-color:rgb(201, 208, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 208, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 189);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 189, 208, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 189) }
```

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

```
.background{ background-color: rgb(201,  
208, 189) }
```

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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