

Converting Colors

`RYB(196, 188, 191)`

Have a look what the booklet for RYB(196, 188, 191) contains.

RYB(196, 188, 191)	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, 188, 191)

Conversions

Conversions Part 1

Format	Color
Hex	C4BCBF
RGB	196, 188, 191
RGB Percent	77%, 74%, 75%
CMY	0.2314, 0.2627, 0.2510
CMYK	0.00, 0.04, 0.03, 0.23
HSL	338°, 6%, 75%
HSV	338°, 4%, 77%
XYZ	50.1521, 51.4638, 56.5804
YIQ	190.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

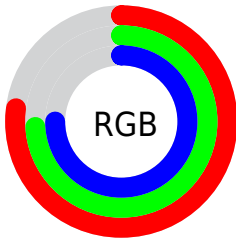
Format	Color
R _Y B	196, 188, 191
Decimal	12893375
CIE Lab	76.96, 3.35, -0.52
CIE LCh	77, 3.390, 351.211
Yxy	51.4638, 0.3170, 0.3253
Android (android.graphics.Color)	4291083455 (0xFFC4BCBF)
YUV	190.7340, 0.1311, 4.6183
Hunter-Lab	71.7383, -0.7528, 3.4544

Details

The RYB color **196, 188, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 193, 196**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **253, 244, 247**, and **142, 135, 138** is the 20% darker color. If you saturate the color by 10%, you get **196, 168, 179**, and if you desaturate by 10%, it is **196, 204, 208**.

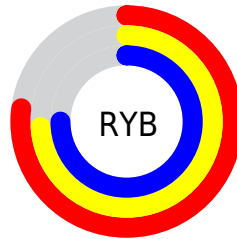
Distribution



Red (77%)

Green (74%)

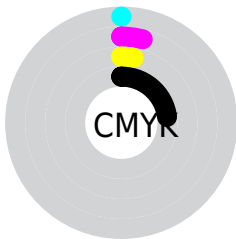
Blue (75%)



Red (77%)

Yellow (74%)

Blue (75%)

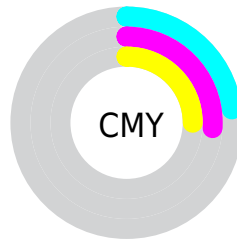


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 196, 188, 191 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, 188, 191 by changing the saturation by 10% instead.

 196, 188, 191

255, 255, 255

 253, 244, 247

 196, 188, 191

 169, 161, 164

 142, 135, 138

 117, 110, 112

 92, 85, 88

 69, 62, 65

 46, 40, 43

 26, 20, 22


 0, 0, 0

 196, 188, 191

 196, 188, 191

 196, 168, 179

 196, 204, 208

 196, 149, 167


 196, 215, 227

 196, 129, 154


 196, 227, 247

 196, 110, 142


 196, 230, 255

 196, 90, 130

 196, 226, 255

 196, 70, 117

 196, 226, 255

 196, 51, 105

 196, 31, 93

 196, 12, 81

Harmonies

Analogous

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



193, 189, 194



196, 188, 191



197, 188, 188

Triad

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



196, 188, 191



184, 190, 184



183, 188, 195

Complementary

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



196, 188, 191



188, 193, 196

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.



183, 188, 192



196, 188, 191



186, 191, 190

Square

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



196, 188, 191



194, 194, 184



184, 189, 192



186, 189, 196

Rectangle

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



196, 188, 191



197, 188, 186



184, 189, 192



183, 188, 194

Sweetspot

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



196, 188, 191



255, 252, 253



193, 188, 196



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



196, 188, 191



255, 242, 247



196, 189, 188



97, 91, 93



161, 0, 60



33, 0, 12

Inverse Universe

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



196, 188, 191



255, 242, 247



188, 192, 196



97, 91, 93



161, 0, 60



33, 0, 12

Previews

White Background



This preview shows how the RYB color 196, 188, 191 looks on a white background.

Color Contrast Check

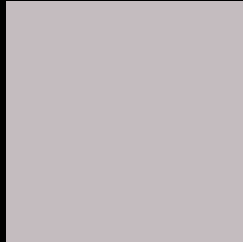
Large Text (above 18pt) WCAG AA × Fail

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, 188, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

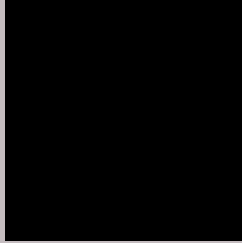
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

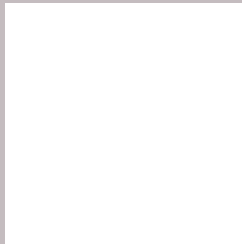
Any Text WCAG AAA ✓ Pass

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

RYB 196, 188, 191 Background



This preview shows how black text looks on a background with the RYB color 196, 188, 191.

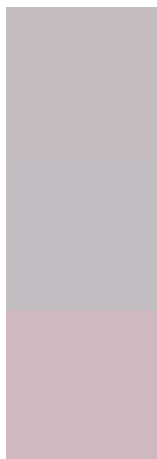


This preview shows how white text looks on a background with the RYB color 196, 188, 191.

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



Original Color


[196, 188, 191](#)

Protanopia

[193, 189, 192](#)

Deuteranopia

[207, 184, 192](#)



Tritanopia
198, 186, 201

Trichromacy



Original Color

196, 188, 191

Protanomaly

194, 189, 192

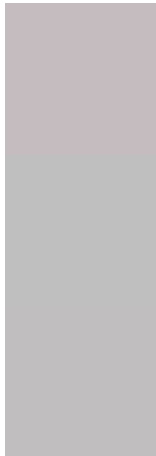
Deuteranomaly

203, 185, 192

Tritanomaly

197, 187, 197

Monochromacy



Original Color

196, 188, 191

Achromatopsia

191, 191, 191

Achromatomaly

193, 190, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 188, 191 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, 188, 191) looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 191)  
}
```

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, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 191) }
```

Border

The CSS property to change the border of an element to RYB 196, 188, 191 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, 188, 191) }
```

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

```
.border{ border-color:rgb(196, 188, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 196, 188, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 191) }
```

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

```
.background{ background-color: rgb(196,  
188, 191) }
```

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