

Converting Colors

`RYB(188, 196, 187)`

Have a look what the booklet for RYB(188, 196, 187) contains.

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Color

R_YB(188, 196, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C4C3BB
RGB	196, 195, 187
RGB Percent	77%, 76%, 73%
CMY	0.2314, 0.2349, 0.2667
CMYK	0.00, 0.00, 0.05, 0.23
HSL	54°, 7%, 75%
HSV	54°, 5%, 77%
XYZ	51.2721, 54.3987, 54.8114
YIQ	194.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

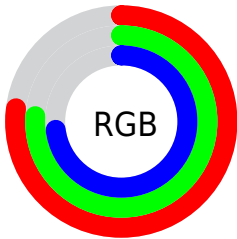
Format	Color
RYB	188, 196, 187
Decimal	12895163
CIELab	78.69, -1.14, 4.17
CIELCh	79, 4.319, 105.309
Yxy	54.3987, 0.3195, 0.3390
Android (android.graphics.Color)	4291085243 (0xFFC4C3BB)
YUV	194.3870, -3.6418, 1.4146
Hunter-Lab	73.7554, -4.9853, 7.5674

Details

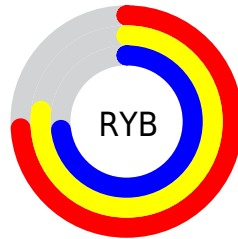
The RYB color **188, 196, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 188, 196**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **244, 253, 243**, and **135, 142, 134** is the 20% darker color. If you saturate the color by 10%, you get **170, 196, 167**, and if you desaturate by 10%, it is **196, 197, 207**.

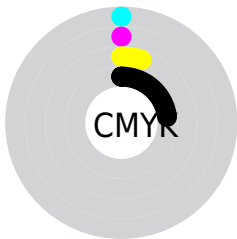
Distribution



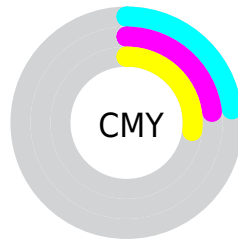
- Red (77%)
- Green (76%)
- Blue (73%)



- Red (74%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 196, 187 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 188, 196, 187 by changing the saturation by 10% instead.


 188, 196, 187


255, 255, 255

 244, 253, 243

 188, 196, 187

 161, 169, 160

 134, 142, 134

 110, 117, 109

 85, 92, 84


 62, 69, 61

 39, 46, 39

 20, 26, 19

 0, 0, 0

 188, 196, 187

 188, 196, 187

■ 170, 196, 167

■ 196, 197, 207

■ 154, 196, 148

■ 196, 199, 226

■ 136, 196, 128

■ 196, 201, 246

■ 119, 196, 109

■ 196, 202, 255

■ 101, 196, 89

■ 196, 204, 255

■ 83, 196, 69

■ 196, 205, 255

■ 67, 196, 50

■ 196, 207, 255

■ 49, 196, 30

■ 196, 208, 255

■ 32, 196, 11

■ 196, 209, 255

Harmonies

Analogous

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



198, 200, 187



188, 196, 187



189, 196, 194

Triad

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



188, 196, 187



186, 192, 200



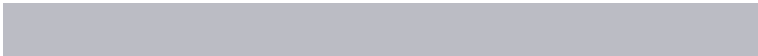
202, 192, 197

Complementary

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



188, 196, 187



187, 188, 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.



198, 193, 200



188, 196, 187



189, 194, 202

Square

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



188, 196, 187



185, 191, 197



193, 194, 202



204, 192, 193

Rectangle

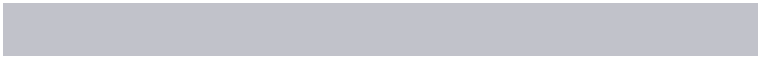
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188, 196, 187



188, 195, 197



193, 194, 202



201, 193, 198

Sweetspot

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



188, 196, 187



252, 255, 252



196, 187, 188



128, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



188, 196, 187



242, 255, 240



187, 196, 190



91, 97, 90



18, 161, 0



3, 33, 0

Inverse Universe

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



187, 188, 196



240, 241, 255



190, 187, 196



90, 91, 97



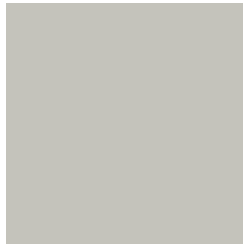
0, 15, 161



0, 3, 33

Previews

White Background



This preview shows how the RYB color 188, 196, 187 looks on a white background.

Color Contrast Check

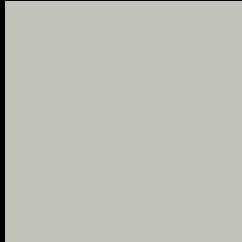
Large Text (above 18pt) WCAG AA × Fail

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 188, 196, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

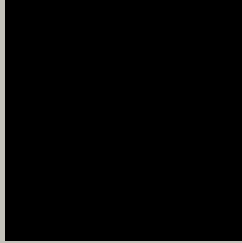
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

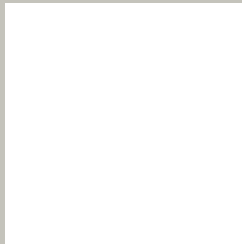
Any Text WCAG AAA ✓ Pass

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

RYB 188, 196, 187 Background



This preview shows how black text looks on a background with the RYB color 188, 196, 187.

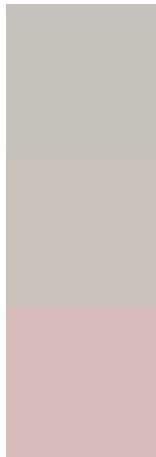


This preview shows how white text looks on a background with the RYB color 188, 196, 187.

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
188, 196, 187

Protanopia
197, 200, 186

Deuteranopia
216, 188, 188



Tritanopia
199, 192, 207

Trichromacy



Original Color

188, 196, 187

Protanomaly

194, 199, 186

Deuteranomaly

209, 192, 188

Tritanomaly

198, 193, 200

Monochromacy



Original Color

188, 196, 187

Achromatopsia

194, 194, 194

Achromatomaly

192, 195, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 196, 187 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, 195, 187) looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 187)  
}
```

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, 195, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 187) }
```

Border

The CSS property to change the border of an element to RYB 188, 196, 187 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, 195, 187) }
```

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

```
.border{ border-color:rgb(196, 195, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 195, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 195, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 195, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 195,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 188, 196, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 187) }
```

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

```
.background{ background-color: rgb(196,  
195, 187) }
```

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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