

Converting Colors

`RYB(187, 202, 198)`

Have a look what the booklet for
RYB(187, 202, 198) contains.

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Color

R_YB(187, 202, 198)

Conversions

Conversions Part 1

Format	Color
Hex	BFCABB
RGB	191, 202, 187
RGB Percent	75%, 79%, 73%
CMY	0.2510, 0.2078, 0.2667
CMYK	0.05, 0.00, 0.07, 0.21
HSL	104°, 12%, 76%
HSV	104°, 7%, 79%
XYZ	51.5760, 56.9053, 55.2792
YIQ	197.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

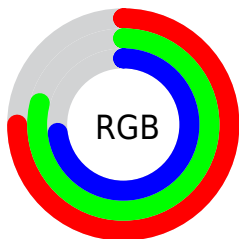
Format	Color
RYB	187, 202, 198
Decimal	12569275
CIELab	80.13, -6.51, 6.18
CIElCh	80, 8.982, 136.481
Yxy	56.9053, 0.3149, 0.3475
Android (android.graphics.Color)	4290759355 (0xFFBFCABB)
YUV	197.0010, -4.9305, -5.2629
Hunter-Lab	75.4356, -9.9701, 9.3572

Details

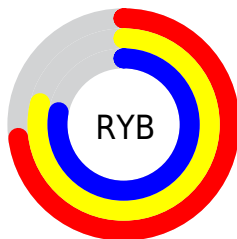
The RYB color **187, 202, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 187, 202**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **243, 255, 251**, and **134, 148, 144** is the 20% darker color. If you saturate the color by 10%, you get **167, 202, 193**, and if you desaturate by 10%, it is **206, 202, 207**.

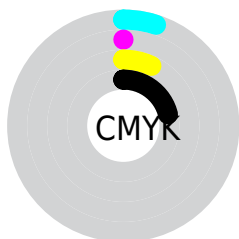
Distribution



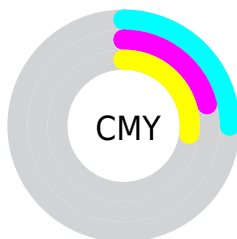
- Red (75%)
- Green (79%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 202, 198 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 187, 202, 198 by changing the saturation by 10% instead.

■ 187, 202, 198

255, 255, 255

■ 243, 255, 251

■ 187, 202, 198

■ 160, 175, 171

■ 134, 148, 144

■ 109, 122, 119

■ 84, 97, 93

■ 61, 74, 71

■ 39, 51, 48

■ 19, 30, 27

■ 0, 1, 1

■ 0, 0, 0

 187, 202, 198

 187, 202, 198

 167, 202, 193

 206, 202, 207

 147, 202, 188

 221, 202, 227

 126, 202, 181

 235, 202, 248

 106, 202, 176

 250, 202, 255

 86, 202, 171

 255, 202, 255

 66, 202, 166

 46, 202, 161

 25, 202, 155

 5, 202, 149

Harmonies

Analogous

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



184, 201, 183



187, 202, 198



183, 197, 204

Triad

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



187, 202, 198



186, 196, 215



217, 193, 194

Complementary

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



187, 202, 198



198, 187, 202

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.



214, 193, 203



187, 202, 198



196, 198, 215

Square

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



187, 202, 198



180, 193, 210



206, 195, 210



216, 196, 187

Rectangle

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



187, 202, 198



179, 193, 204



206, 195, 210



217, 193, 197

Sweetspot

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



187, 202, 198



250, 255, 254



192, 202, 187



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



187, 202, 198



232, 255, 249



187, 200, 202



92, 102, 99



0, 166, 122



0, 38, 28

Inverse Universe

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



198, 187, 202



249, 232, 255



202, 187, 199



99, 92, 102



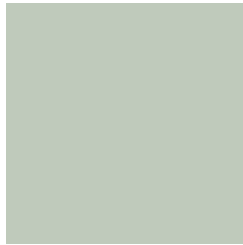
122, 0, 166



28, 0, 38

Previews

White Background



This preview shows how the RYB color 187, 202, 198 looks on a white background.

Color Contrast Check

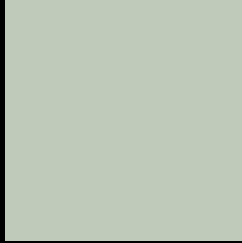
Large Text (above 18pt) WCAG AA × Fail

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 187, 202, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

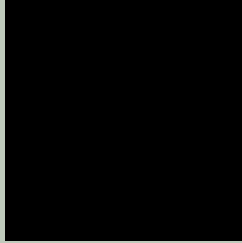
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

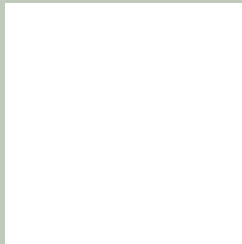
Any Text WCAG AAA ✓ Pass

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

RYB 187, 202, 198 Background



This preview shows how black text looks on a background with the RYB color 187, 202, 198.



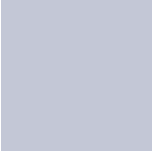
This preview shows how white text looks on a background with the RYB color 187, 202, 198.

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](#).

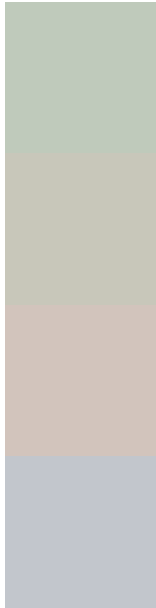
Dichromacy





Tritanopia
195, 198, 214

Trichromacy



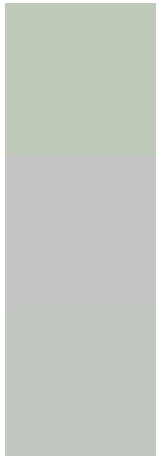
Original Color
187, 202, 198

Protanomaly
187, 200, 186

Deuteranomaly
210, 201, 188

Tritanomaly
194, 197, 204

Monochromacy



Original Color
187, 202, 198

Achromatopsia
197, 197, 197

Achromatomaly
193, 199, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 202, 198 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(191, 202, 187)` looks like.

```
.text, #text, p{  
    color:rgb(191, 202, 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(191, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 202, 187) }
```

Border

The CSS property to change the border of an element to RYB 187, 202, 198 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(191, 202, 187) }
```

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

```
.border{ border-color:rgb(191, 202, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 202, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 202, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 202, 187);  
box-shadow:4px 4px 4px 4px rgb(191, 202,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 187, 202, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 202, 187) }
```

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

```
.background{ background-color: rgb(191,  
202, 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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