

Converting Colors

`RYB(168, 202, 185)`

Have a look what the booklet for
RYB(168, 202, 185) contains.

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Color

R_YB(168, 202, 185)

Conversions

Conversions Part 1

Format	Color
Hex	B9CAA8
RGB	185, 202, 168
RGB Percent	73%, 79%, 66%
CMY	0.2745, 0.2078, 0.3412
CMYK	0.08, 0.00, 0.17, 0.21
HSL	90°, 24%, 73%
HSV	90°, 17%, 79%
XYZ	48.1960, 55.3825, 45.1955
YIQ	193.0410, 0.7820, -14.1780

Conversions

Conversions Part 2

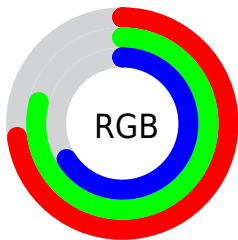
Format	Color
R _Y B	168, 202, 185
Decimal	12176040
CIE Lab	79.26, -11.89, 15.05
CIE LCh	79, 19.185, 128.316
Yxy	55.3825, 0.3240, 0.3723
Android (android.graphics.Color)	4290366120 (0xFFB9CAA8)
YUV	193.0410, -12.3452, -7.0520
Hunter-Lab	74.4194, -14.6326, 16.0863

Details

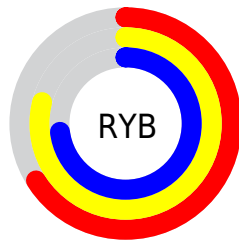
The RYB color **168, 202, 185** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **185, 168, 202**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **223, 255, 237**, and **116, 148, 132** is the 20% darker color. If you saturate the color by 10%, you get **148, 202, 175**, and if you desaturate by 10%, it is **188, 202, 195**.

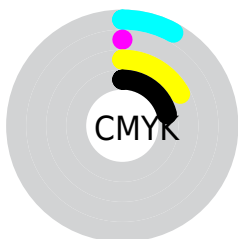
Distribution



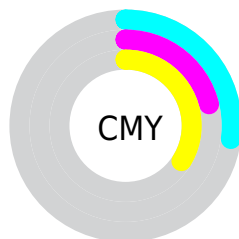
- Red (73%)
- Green (79%)
- Blue (66%)



- Red (66%)
- Yellow (79%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 202, 185 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 168, 202, 185 by changing the saturation by 10% instead.


 168, 202, 185

255, 255, 255


 223, 255, 237


 252, 255, 252

 168, 202, 185


 142, 175, 159


 116, 148, 132

 91, 122, 107

 68, 97, 83

 45, 73, 59

 24, 51, 38

 0, 30, 12

 0, 0, 0

 168, 202, 185

 168, 202, 185

 148, 202, 175

 188, 202, 195

 128, 202, 165

 205, 202, 208

 107, 202, 154

 215, 202, 229

 87, 202, 144

 225, 202, 249

 67, 202, 134

 236, 202, 255

 47, 202, 125

 246, 202, 255

 27, 202, 115

 255, 202, 255

 6, 202, 104

 0, 202, 101

Harmonies

Analogous

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



171, 205, 161



168, 202, 185



165, 193, 206

Triad

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



168, 202, 185



161, 187, 229



233, 184, 192

Complementary

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



168, 202, 185



185, 168, 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.



224, 185, 210



168, 202, 185



183, 193, 231

Square

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



168, 202, 185



150, 180, 218



206, 190, 224



232, 189, 175

Rectangle

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



168, 202, 185



155, 184, 207



206, 190, 224



231, 184, 198

Sweetspot

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



168, 202, 185



242, 255, 248



202, 202, 168



120, 128, 124



0, 0, 0



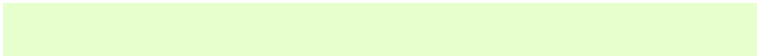
128, 128, 128

Same Dimension

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



168, 202, 185



204, 255, 229



168, 202, 202



92, 102, 97



0, 166, 83



0, 38, 19

Inverse Universe

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



185, 168, 202



230, 204, 255



202, 168, 202



97, 92, 102



83, 0, 166



19, 0, 38

Previews

White Background



This preview shows how the RYB color 168, 202, 185 looks on a white background.

Color Contrast Check

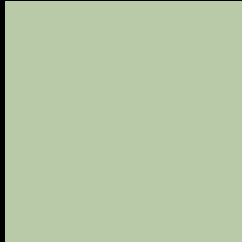
Large Text (above 18pt) WCAG AA × Fail

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 168, 202, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

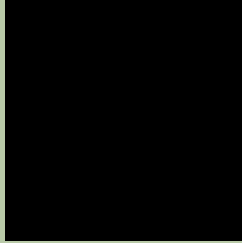
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

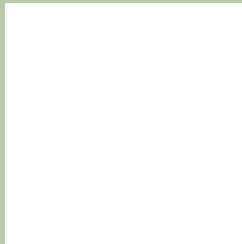
Any Text WCAG AAA ✓ Pass

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

RYB 168, 202, 185 Background



This preview shows how black text looks on a background with the RYB color 168, 202, 185.

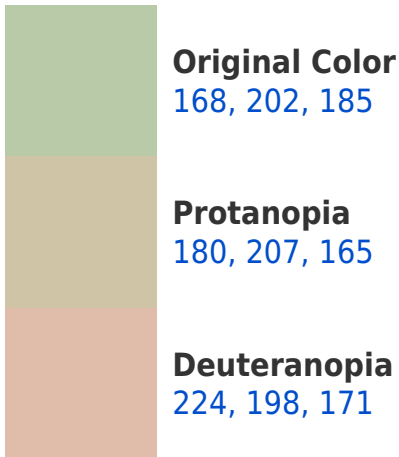


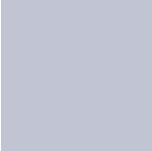
This preview shows how white text looks on a background with the RYB color 168, 202, 185.

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](#).

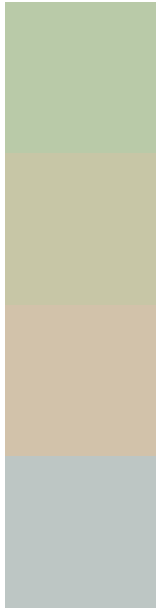
Dichromacy





Tritanopia
192, 195, 211

Trichromacy



Original Color
168, 202, 185

Protanomaly
167, 199, 166

Deuteranomaly
197, 210, 170

Tritanomaly
189, 194, 198

Monochromacy



Original Color
168, 202, 185

Achromatopsia
193, 193, 193

Achromatomaly
184, 196, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 202, 185 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(185, 202, 168) looks like.

```
.text, #text, p{  
    color:rgb(185, 202, 168)  
}
```

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(185, 202, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 202, 168) }
```

Border

The CSS property to change the border of an element to RYB 168, 202, 185 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(185, 202, 168) }
```

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

```
.border{ border-color:rgb(185, 202, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 202, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 202, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 202, 168);  
box-shadow:4px 4px 4px 4px rgb(185, 202,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 168, 202, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 202, 168) }
```

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

```
.background{ background-color: rgb(185,  
202, 168) }
```

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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