

Converting Colors

`RYB(183, 202, 191)`

Have a look what the booklet for
RYB(183, 202, 191) contains.

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Color

R_YB(183, 202, 191)

Conversions

Conversions Part 1

Format	Color
Hex	C2CAB7
RGB	194, 202, 183
RGB Percent	76%, 79%, 72%
CMY	0.2392, 0.2078, 0.2824
CMYK	0.04, 0.00, 0.09, 0.21
HSL	85°, 15%, 75%
HSV	85°, 9%, 79%
XYZ	51.9159, 57.1293, 53.0905
YIQ	197.4420, 1.3310, -7.6050

Conversions

Conversions Part 2

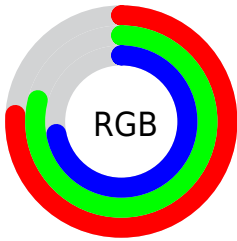
Format	Color
RYB	183, 202, 191
Decimal	12765879
CIELab	80.25, -6.16, 8.54
CIELCh	80, 10.528, 125.825
Yxy	57.1293, 0.3202, 0.3524
Android (android.graphics.Color)	4290955959 (0xFFC2CAB7)
YUV	197.4420, -7.1199, -3.0186
Hunter-Lab	75.5839, -9.6666, 11.2631

Details

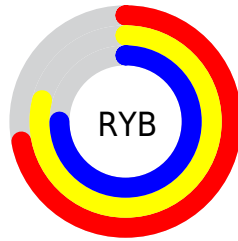
The RYB color **183, 202, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 183, 202**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **239, 255, 243**, and **130, 148, 138** is the 20% darker color. If you saturate the color by 10%, you get **163, 202, 180**, and if you desaturate by 10%, it is **203, 202, 203**.

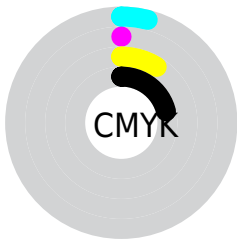
Distribution



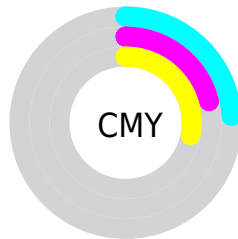
- Red (76%)
- Green (79%)
- Blue (72%)



- Red (72%)
- Yellow (79%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 202, 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 183, 202, 191 by changing the saturation by 10% instead.


 183, 202, 191

255, 255, 255


 239, 255, 243


 183, 202, 191


 156, 175, 164

 130, 148, 138

 105, 122, 112

 81, 97, 88

 58, 74, 65

 36, 51, 42

 15, 30, 21

 0, 2, 2

 0, 0, 0


 183, 202, 191

 183, 202, 191

 163, 202, 180

 203, 202, 203

 143, 202, 168

 211, 202, 223

 122, 202, 156

 220, 202, 244

 102, 202, 144

 228, 202, 255

 82, 202, 133

 237, 202, 255

 62, 202, 121

 245, 202, 255

 42, 202, 110

 254, 202, 255

 21, 202, 97

 255, 202, 255

 1, 202, 86

Harmonies

Analogous

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



188, 205, 180



183, 202, 191



183, 198, 204

Triad

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



183, 202, 191



181, 194, 217



220, 192, 197

Complementary

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



183, 202, 191



191, 183, 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, 207



183, 202, 191



191, 197, 218

Square

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



183, 202, 191



175, 191, 210



203, 196, 215



220, 194, 188

Rectangle

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



183, 202, 191



178, 194, 205



203, 196, 215



218, 193, 201

Sweetspot

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



183, 202, 191



247, 255, 250



202, 197, 183



122, 128, 125



0, 0, 0



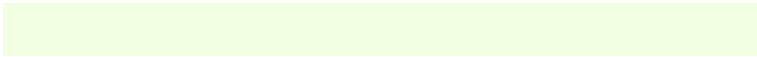
128, 128, 128

Same Dimension

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



183, 202, 191



227, 255, 239



183, 202, 200



92, 102, 96



0, 166, 70



0, 38, 16

Inverse Universe

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



191, 183, 202



239, 227, 255



200, 183, 202



96, 92, 102



70, 0, 166



16, 0, 38

Previews

White Background



This preview shows how the RYB color 183, 202, 191 looks on a white background.

Color Contrast Check

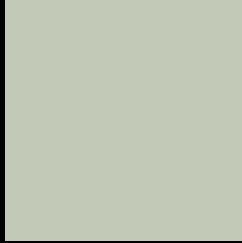
Large Text (above 18pt) WCAG AA × Fail

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 183, 202, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

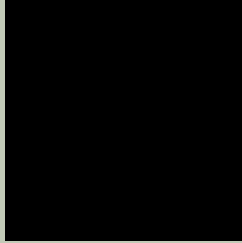
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

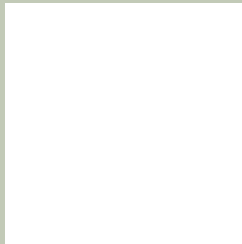
Any Text WCAG AAA ✓ Pass

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

RYB 183, 202, 191 Background



This preview shows how black text looks on a background with the RYB color 183, 202, 191.



This preview shows how white text looks on a background with the RYB color 183, 202, 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](#).

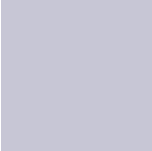
Dichromacy



Original Color
183, 202, 191

Protanopia
195, 207, 181

Deuteranopia
223, 194, 185



Tritanopia
199, 198, 213

Trichromacy



Original Color
183, 202, 191

Protanomaly
186, 202, 182

Deuteranomaly
212, 205, 184

Tritanomaly
197, 198, 202

Monochromacy



Original Color
183, 202, 191

Achromatopsia
197, 197, 197

Achromatomaly
192, 199, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 202, 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(194, 202, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 202, 183)  
}
```

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(194, 202, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 202, 183) }
```

Border

The CSS property to change the border of an element to RYB 183, 202, 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(194, 202, 183) }
```

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

```
.border{ border-color:rgb(194, 202, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 202, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 202, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 202, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 202,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 183, 202, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 202, 183) }
```

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

```
.background{ background-color: rgb(194,  
202, 183) }
```

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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