

Converting Colors

`RYB(181, 200, 191)`

Have a look what the booklet for
RYB(181, 200, 191) contains.

RYB(181, 200, 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(181, 200, 191)

Conversions

Conversions Part 1

Format	Color
Hex	BEC8B5
RGB	190, 200, 181
RGB Percent	75%, 78%, 71%
CMY	0.2549, 0.2157, 0.2902
CMYK	0.05, 0.00, 0.09, 0.22
HSL	92°, 15%, 75%
HSV	92°, 9%, 78%
XYZ	50.2300, 55.5919, 51.7990
YIQ	194.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

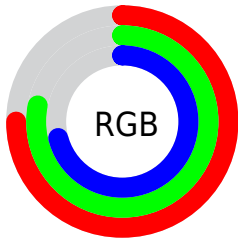
Format	Color
RYB	181, 200, 191
Decimal	12503221
CIELab	79.38, -6.88, 8.32
CIELCh	79, 10.797, 129.584
Yxy	55.5919, 0.3187, 0.3527
Android (android.graphics.Color)	4290693301 (0xFFBEC8B5)
YUV	194.8440, -6.8251, -4.2482
Hunter-Lab	74.5600, -10.2271, 11.0015

Details

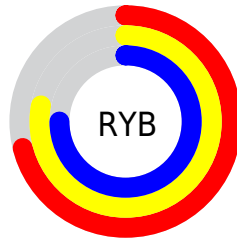
The RYB color **181, 200, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 181, 200**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **237, 255, 246**, and **128, 146, 137** is the 20% darker color. If you saturate the color by 10%, you get **161, 200, 182**, and if you desaturate by 10%, it is **201, 200, 201**.

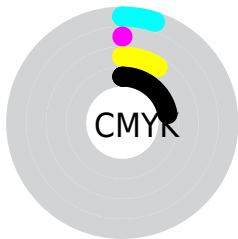
Distribution



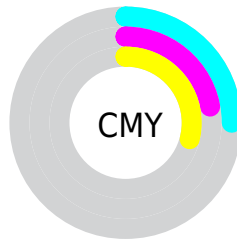
- Red (75%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 200, 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 181, 200, 191 by changing the saturation by 10% instead.

 181, 200, 191

255, 255, 255

 237, 255, 246

 181, 200, 191

 154, 173, 164

 128, 146, 137

 103, 120, 112

 79, 96, 88

 56, 72, 65

 35, 49, 43

 13, 28, 20


 0, 0, 0


 181, 200, 191

 181, 200, 191

 161, 200, 182

 201, 200, 201

 141, 200, 172

 211, 200, 221

 121, 200, 163

 222, 200, 241

 101, 200, 153

 232, 200, 255

 81, 200, 144

 243, 200, 255

 61, 200, 134

 253, 200, 255

 41, 200, 125

 255, 200, 255

 21, 200, 115

 1, 200, 106

Harmonies

Analogous

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



183, 202, 177



181, 200, 191



179, 195, 202

Triad

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



181, 200, 191



179, 192, 215



218, 190, 194

Complementary

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



181, 200, 191



191, 181, 200

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.



213, 191, 204



181, 200, 191



190, 195, 216

Square

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



181, 200, 191



172, 189, 209



203, 193, 212



218, 193, 184

Rectangle

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



181, 200, 191



174, 190, 203



203, 193, 212



217, 190, 197

Sweetspot

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



181, 200, 191



247, 255, 251



198, 200, 181



122, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



181, 200, 191



227, 255, 242



181, 200, 200



90, 99, 95



0, 163, 86



0, 36, 19

Inverse Universe

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



191, 181, 200



242, 227, 255



200, 181, 200



95, 90, 99



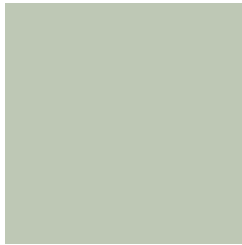
86, 0, 163



19, 0, 36

Previews

White Background



This preview shows how the RYB color 181, 200, 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 181, 200, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

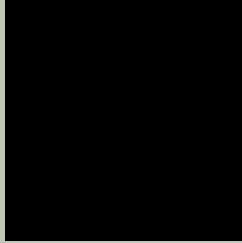
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

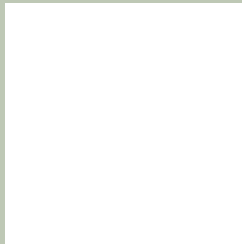
Any Text WCAG AAA ✓ Pass

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

RYB 181, 200, 191 Background



This preview shows how black text looks on a background with the RYB color 181, 200, 191.

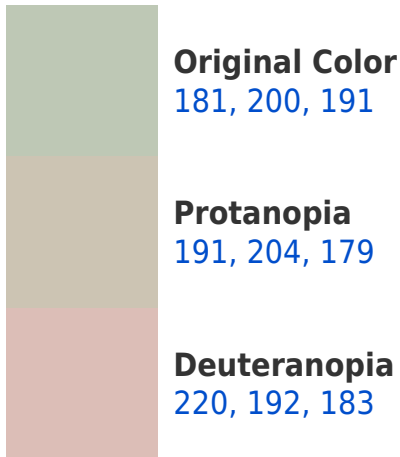


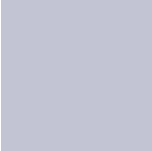
This preview shows how white text looks on a background with the RYB color 181, 200, 191.

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





Tritanopia
195, 196, 211

Trichromacy



Original Color

181, 200, 191

Protanomaly

182, 199, 180

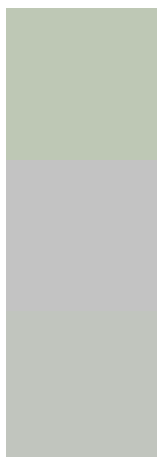
Deuteranomaly

209, 204, 182

Tritanomaly

193, 196, 200

Monochromacy



Original Color

181, 200, 191

Achromatopsia

195, 195, 195

Achromatomaly

190, 197, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 200, 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(190, 200, 181) looks like.

```
.text, #text, p{  
    color:rgb(190, 200, 181)  
}
```

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(190, 200, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 200, 181) }
```

Border

The CSS property to change the border of an element to RYB 181, 200, 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(190, 200, 181) }
```

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

```
.border{ border-color:rgb(190, 200, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 200, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 200,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 181, 200, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 200, 181) }
```

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

```
.background{ background-color: rgb(190,  
200, 181) }
```

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