

Converting Colors

`RYB(185, 197, 201)`

Have a look what the booklet for
RYB(185, 197, 201) contains.

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Color

R_YB(185, 197, 201)

Conversions

Conversions Part 1

Format	Color
Hex	B9C9BE
RGB	185, 201, 190
RGB Percent	73%, 79%, 75%
CMY	0.2745, 0.2118, 0.2536
CMYK	0.08, 0.00, 0.05, 0.21
HSL	140°, 13%, 76%
HSV	140°, 8%, 79%
XYZ	50.2250, 55.8199, 57.0336
YIQ	194.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

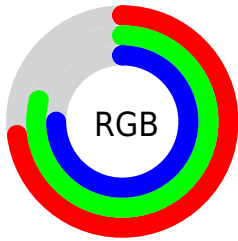
Format	Color
RYB	185, 197, 201
Decimal	12175806
CIELab	79.51, -7.45, 3.45
CIELCh	80, 8.216, 155.139
Yxy	55.8199, 0.3080, 0.3423
Android (android.graphics.Color)	4290365886 (0xFFB9C9BE)
YUV	194.9620, -2.4463, -8.7367
Hunter-Lab	74.7127, -10.7521, 7.0385

Details

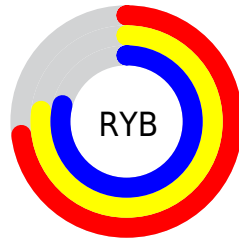
The RYB color **185, 197, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 185, 196**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **241, 251, 255**, and **132, 143, 147** is the 20% darker color. If you saturate the color by 10%, you get **165, 192, 201**, and if you desaturate by 10%, it is **205, 201, 204**.

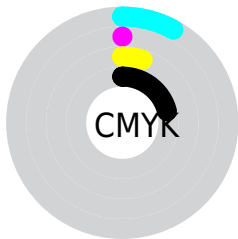
Distribution



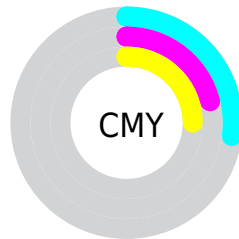
- Red (73%)
- Green (79%)
- Blue (75%)



- Red (73%)
- Yellow (77%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 197, 201 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 185, 197, 201 by changing the saturation by 10% instead.

 185, 197, 201


255, 255, 255

 241, 251, 255

 185, 197, 201

 158, 170, 174

 132, 143, 147

 107, 117, 121

 82, 92, 96


 59, 69, 73

 37, 46, 50

 17, 25, 29

 0, 0, 0

 185, 197, 201

 185, 197, 201

 165, 192, 201

 205, 201, 204

 145, 187, 201


 225, 201, 217

 125, 182, 201


 245, 201, 231


 105, 177, 201


 255, 201, 244


 85, 172, 201

 255, 201, 255

 64, 167, 201

 44, 161, 201

 24, 157, 201

 4, 152, 201

Harmonies

Analogous

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



184, 199, 190



185, 197, 201



180, 192, 202

Triad

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



185, 197, 201



191, 196, 212



214, 194, 188

Complementary

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



185, 197, 201



201, 185, 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.



213, 192, 196



185, 197, 201



200, 195, 209

Square

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



185, 197, 201



183, 194, 211



208, 193, 204



210, 202, 183

Rectangle

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



185, 197, 201



178, 190, 203



208, 193, 204



214, 192, 191

Sweetspot

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



185, 197, 201



250, 254, 255



185, 201, 190



125, 127, 128



0, 0, 0



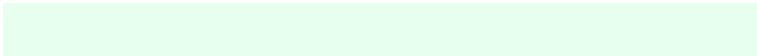
128, 128, 128

Same Dimension

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



185, 197, 201



230, 249, 255



185, 194, 201



90, 97, 99



0, 122, 163



0, 27, 36

Inverse Universe

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



201, 185, 196



255, 230, 247



201, 185, 188



99, 90, 96



163, 0, 109



36, 0, 24

Previews

White Background



This preview shows how the RYB color 185, 197, 201 looks on a white background.

Color Contrast Check

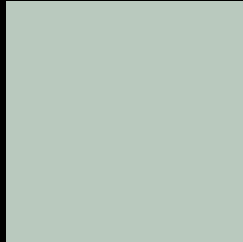
Large Text (above 18pt) WCAG AA × Fail

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 185, 197, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

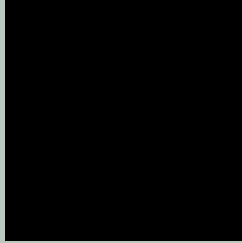
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

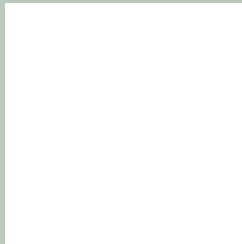
Any Text WCAG AAA ✓ Pass

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

RYB 185, 197, 201 Background



This preview shows how black text looks on a background with the RYB color 185, 197, 201.

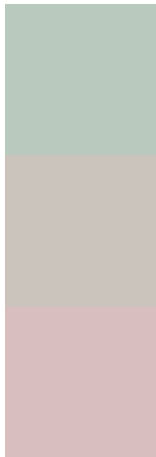


This preview shows how white text looks on a background with the RYB color 185, 197, 201.

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](#).

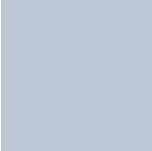
Dichromacy



Original Color
185, 197, 201

Protanopia
199, 202, 188

Deuteranopia
217, 190, 192



Tritanopia
189, 196, 213

Trichromacy



Original Color

185, 197, 201

Protanomaly

189, 198, 191

Deuteranomaly

205, 195, 191

Tritanomaly

188, 195, 205

Monochromacy



Original Color

185, 197, 201

Achromatopsia

195, 195, 195

Achromatomaly

191, 196, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 197, 201 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, 201, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 190)  
}
```

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, 201, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 190) }
```

Border

The CSS property to change the border of an element to RYB 185, 197, 201 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, 201, 190) }
```

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

```
.border{ border-color:rgb(185, 201, 190) }
```

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

Here you see how a box with a 4 pixel rgb(185, 201, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 185, 197, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 190) }
```

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

```
.background{ background-color: rgb(185,  
201, 190) }
```

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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