

Converting Colors

`RYB(183, 197, 200)`

Have a look what the booklet for
RYB(183, 197, 200) contains.

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Color

R_YB(183, 197, 200)

Conversions

Conversions Part 1

Format	Color
Hex	B7C8BB
RGB	183, 200, 187
RGB Percent	72%, 78%, 73%
CMY	0.2824, 0.2157, 0.2681
CMYK	0.08, 0.00, 0.07, 0.22
HSL	133°, 13%, 75%
HSV	133°, 8%, 78%
XYZ	49.1142, 54.9484, 54.8310
YIQ	193.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

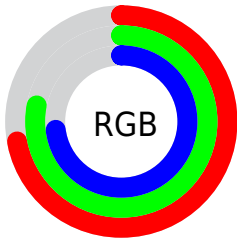
Format	Color
RYB	183, 197, 200
Decimal	12044475
CIELab	79.01, -8.30, 4.70
CIELCh	79, 9.539, 150.513
Yxy	54.9484, 0.3091, 0.3458
Android (android.graphics.Color)	4290234555 (0xFFB7C8BB)
YUV	193.4350, -3.1725, -9.1515
Hunter-Lab	74.1272, -11.4546, 8.0329

Details

The RYB color **183, 197, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 183, 196**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **239, 252, 255**, and **130, 143, 146** is the 20% darker color. If you saturate the color by 10%, you get **163, 193, 200**, and if you desaturate by 10%, it is **203, 200, 202**.

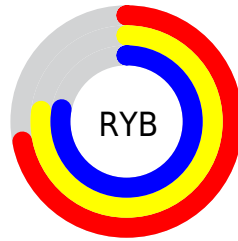
Distribution



Red (72%)

Green (78%)

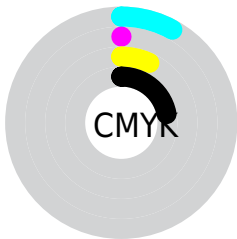
Blue (73%)



Red (72%)

Yellow (77%)

Blue (78%)

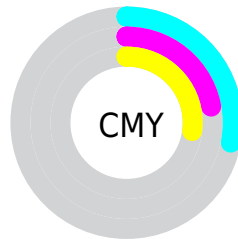


Cyan (8%)

Magenta (0%)

Yellow (7%)

Black (22%)



Cyan (28%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 197, 200 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, 197, 200 by changing the saturation by 10% instead.


 183, 197, 200

255, 255, 255


 239, 252, 255


 183, 197, 200

 156, 170, 173

 130, 143, 146

 105, 118, 120

 81, 94, 96

 58, 70, 72

 36, 47, 49

 15, 25, 28

 0, 0, 0

 183, 197, 200

 183, 197, 200

■ 163, 193, 200

■ 203, 200, 202

■ 143, 190, 200

■ 223, 200, 218

■ 123, 187, 200

■ 243, 200, 234

■ 103, 183, 200

■ 255, 200, 250

■ 83, 179, 200

■ 255, 200, 255

■ 63, 176, 200

■ 43, 172, 200

■ 23, 169, 200

■ 3, 165, 200

Harmonies

Analogous

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



180, 198, 185



183, 197, 200



176, 190, 201

Triad

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



183, 197, 200



187, 194, 213



215, 190, 187

Complementary

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



183, 197, 200



200, 183, 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.



214, 190, 196



183, 197, 200



198, 193, 211

Square

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



183, 197, 200



178, 191, 211



208, 191, 204



211, 200, 180

Rectangle

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



183, 197, 200



174, 188, 201



208, 191, 204



215, 190, 190

Sweetspot

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



183, 197, 200



247, 253, 255



183, 200, 186



122, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 197, 200



230, 251, 255



183, 193, 200



90, 97, 99



0, 134, 163



0, 29, 36

Inverse Universe

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



200, 183, 196



255, 230, 250



200, 183, 188



99, 90, 97



163, 0, 128



36, 0, 28

Previews

White Background



This preview shows how the RYB color 183, 197, 200 looks on a white background.

Color Contrast Check

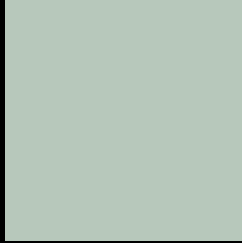
Large Text (above 18pt) WCAG AA × Fail

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, 197, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

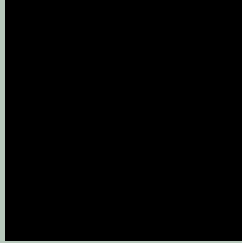
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

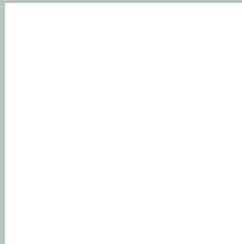
Any Text WCAG AAA ✓ Pass

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

R Y B 183, 197, 200 Background



This preview shows how black text looks on a background with the RYB color 183, 197, 200.



This preview shows how white text looks on a background with the RYB color 183, 197, 200.

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
187, 194, 212

Trichromacy



Original Color

183, 197, 200

Protanomaly

185, 197, 187

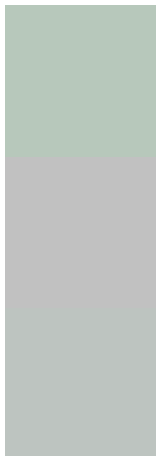
Deuteranomaly

205, 195, 188

Tritanomaly

186, 193, 203

Monochromacy



Original Color

183, 197, 200

Achromatopsia

193, 193, 193

Achromatomaly

189, 194, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 197, 200 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(183, 200, 187)` looks like.

```
.text, #text, p{  
    color:rgb(183, 200, 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(183, 200, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 200, 187) }
```

Border

The CSS property to change the border of an element to RYB 183, 197, 200 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(183, 200, 187) }
```

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

```
.border{ border-color:rgb(183, 200, 187) }
```

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

Here you see how a box with a 4 pixel rgb(183, 200, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 200, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 200, 187);  
box-shadow:4px 4px 4px 4px rgb(183, 200,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 183, 197, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 200, 187) }
```

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

```
.background{ background-color: rgb(183,  
200, 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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