

Converting Colors

`RYB(186, 201, 191)`

Have a look what the booklet for
RYB(186, 201, 191) contains.

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Color

R_YB(186, 201, 191)

Conversions

Conversions Part 1

Format	Color
Hex	C4C9BA
RGB	196, 201, 186
RGB Percent	77%, 79%, 73%
CMY	0.2314, 0.2118, 0.2706
CMYK	0.02, 0.00, 0.07, 0.21
HSL	80°, 12%, 76%
HSV	80°, 7%, 79%
XYZ	52.5145, 57.0542, 54.6991
YIQ	197.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

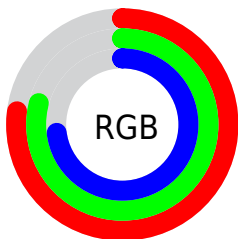
Format	Color
RYB	186, 201, 191
Decimal	12896698
CIELab	80.21, -4.42, 6.89
CIELCh	80, 8.183, 122.656
Yxy	57.0542, 0.3197, 0.3473
Android (android.graphics.Color)	4291086778 (0xFFC4C9BA)
YUV	197.7950, -5.8149, -1.5742
Hunter-Lab	75.5342, -8.0844, 9.9383

Details

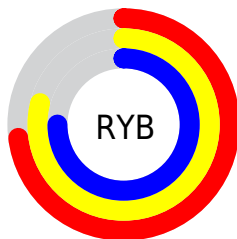
The RYB color **186, 201, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 186, 201**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **242, 255, 244**, and **133, 147, 138** is the 20% darker color. If you saturate the color by 10%, you get **166, 201, 178**, and if you desaturate by 10%, it is **203, 201, 206**.

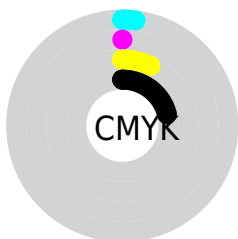
Distribution



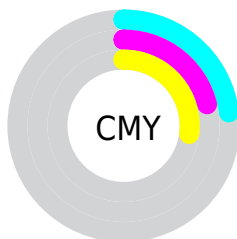
- Red (77%)
- Green (79%)
- Blue (73%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 201, 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 186, 201, 191 by changing the saturation by 10% instead.

 186, 201, 191


255, 255, 255

 242, 255, 244

 186, 201, 191

 159, 174, 164

 133, 147, 138

 108, 121, 112

 83, 97, 88

 60, 73, 64

 39, 50, 43

 18, 29, 21

 0, 1, 1

 0, 0, 0

■ 186, 201, 191

■ 186, 201, 191

■ 166, 201, 178

■ 203, 201, 206

■ 146, 201, 164

■ 209, 201, 226

■ 126, 201, 151

■ 216, 201, 246

■ 106, 201, 138

■ 223, 201, 255

■ 86, 201, 124

■ 229, 201, 255

■ 65, 201, 110

■ 236, 201, 255

■ 45, 201, 97

■ 243, 201, 255

■ 25, 201, 84

■ 250, 201, 255

■ 5, 201, 70

■ 255, 201, 255

Harmonies

Analogous

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



192, 205, 184



186, 201, 191



188, 200, 203

Triad

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



186, 201, 191



184, 195, 212



215, 194, 198

Complementary

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



186, 201, 191



191, 186, 201

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.



210, 195, 206



186, 201, 191



192, 197, 214

Square

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



186, 201, 191



180, 192, 207



201, 197, 212



216, 194, 191

Rectangle

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



186, 201, 191



183, 195, 203



201, 197, 212



214, 194, 201

Sweetspot

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



186, 201, 191



250, 255, 252



201, 194, 186



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



186, 201, 191



232, 255, 240



186, 201, 198



90, 99, 93



0, 163, 54



0, 36, 12

Inverse Universe

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



191, 186, 201



240, 232, 255



198, 186, 201



93, 90, 99



54, 0, 163



12, 0, 36

Previews

White Background



This preview shows how the RYB color 186, 201, 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 186, 201, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

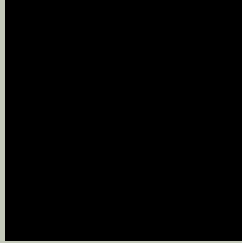
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

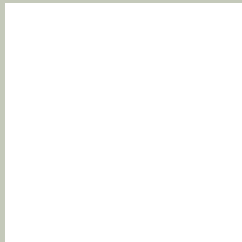
Any Text WCAG AAA ✓ Pass

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

RYB 186, 201, 191 Background



This preview shows how black text looks on a background with the RYB color 186, 201, 191.



This preview shows how white text looks on a background with the RYB color 186, 201, 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
186, 201, 191

Protanopia
197, 206, 184

Deuteranopia
222, 193, 188



Tritanopia
200, 197, 213

Trichromacy



Original Color

186, 201, 191

Protanomaly

189, 202, 185

Deuteranomaly

213, 199, 187

Tritanomaly

199, 198, 203

Monochromacy



Original Color

186, 201, 191

Achromatopsia

198, 198, 198

Achromatomaly

194, 199, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 201, 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(196, 201, 186) looks like.

```
.text, #text, p{  
    color:rgb(196, 201, 186)  
}
```

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(196, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 201, 186) }
```

Border

The CSS property to change the border of an element to RYB 186, 201, 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(196, 201, 186) }
```

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

```
.border{ border-color:rgb(196, 201, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 201, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(196, 201,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 186, 201, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 201, 186) }
```

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

```
.background{ background-color: rgb(196,  
201, 186) }
```

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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