

Converting Colors

`RYB(186, 199, 195)`

Have a look what the booklet for
RYB(186, 199, 195) contains.

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Color

R_YB(186, 199, 195)

Conversions

Conversions Part 1

Format	Color
Hex	BEC7BA
RGB	190, 199, 186
RGB Percent	75%, 78%, 73%
CMY	0.2549, 0.2196, 0.2706
CMYK	0.05, 0.00, 0.07, 0.22
HSL	102°, 10%, 75%
HSV	102°, 7%, 78%
XYZ	50.5216, 55.3392, 54.4731
YIQ	194.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

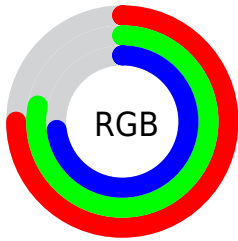
Format	Color
RYB	186, 199, 195
Decimal	12502970
CIELab	79.24, -5.48, 5.43
CIELCh	79, 7.711, 135.239
Yxy	55.3392, 0.3151, 0.3451
Android (android.graphics.Color)	4290693050 (0xFFBEC7BA)
YUV	194.8270, -4.3517, -4.2333
Hunter-Lab	74.3903, -8.9562, 8.6574

Details

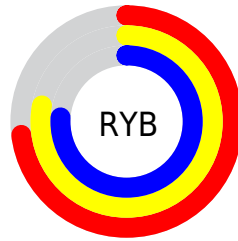
The RYB color **186, 199, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 186, 199**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **242, 255, 251**, and **133, 145, 141** is the 20% darker color. If you saturate the color by 10%, you get **166, 199, 189**, and if you desaturate by 10%, it is **204, 199, 206**.

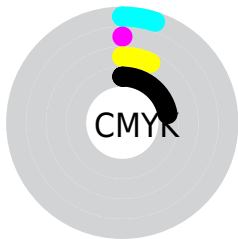
Distribution



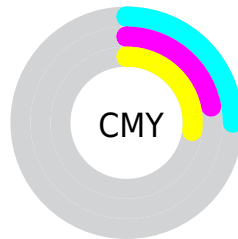
- Red (75%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 186, 199, 195 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, 199, 195 by changing the saturation by 10% instead.


 186, 199, 195

255, 255, 255

 242, 255, 251

 186, 199, 195

 159, 172, 168

 133, 145, 141

 108, 120, 117

 83, 95, 91

 60, 71, 67

 39, 49, 46

 18, 28, 25

 0, 0, 0

 186, 199, 195

 186, 199, 195

■ 166, 199, 189

■ 204, 199, 206

■ 146, 199, 183

■ 218, 199, 226

■ 126, 199, 176

■ 231, 199, 246

■ 106, 199, 170

■ 245, 199, 255

■ 87, 199, 165

■ 255, 199, 255

■ 67, 199, 159

■ 47, 199, 152

■ 27, 199, 146

■ 7, 199, 140

Harmonies

Analogous

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



183, 198, 182



186, 199, 195



183, 194, 200

Triad

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



186, 199, 195



185, 194, 210



212, 192, 193

Complementary

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



186, 199, 195



195, 186, 199

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.



209, 192, 200



186, 199, 195



193, 196, 210

Square

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



186, 199, 195



180, 191, 206



202, 193, 206



211, 196, 186

Rectangle

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



186, 199, 195



180, 192, 201



202, 193, 206



211, 191, 195

Sweetspot

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



186, 199, 195



250, 255, 254



192, 199, 186



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



186, 199, 195



235, 255, 249



186, 197, 199



90, 99, 96



0, 163, 113



0, 36, 25

Inverse Universe

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



195, 186, 199



249, 235, 255



199, 186, 197



96, 90, 99



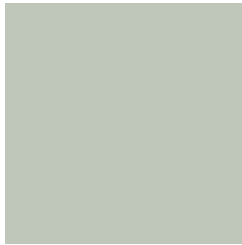
113, 0, 163



25, 0, 36

Previews

White Background



This preview shows how the RYB color 186, 199, 195 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, 199, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

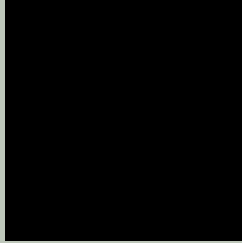
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

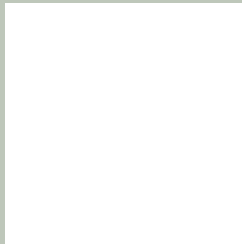
Any Text WCAG AAA ✓ Pass

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

RYB 186, 199, 195 Background



This preview shows how black text looks on a background with the RYB color 186, 199, 195.



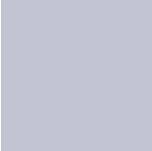
This preview shows how white text looks on a background with the RYB color 186, 199, 195.

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
194, 195, 211

Trichromacy



Original Color

186, 199, 195

Protanomaly

187, 198, 185

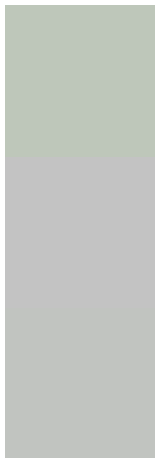
Deuteranomaly

208, 195, 187

Tritanomaly

193, 195, 202

Monochromacy



Original Color

186, 199, 195

Achromatopsia

195, 195, 195

Achromatomaly

192, 196, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 199, 195 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, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 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(190, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 186) }
```

Border

The CSS property to change the border of an element to RYB 186, 199, 195 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, 199, 186) }
```

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

```
.border{ border-color:rgb(190, 199, 186) }
```

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

Here you see how a box with a 4 pixel rgb(190, 199, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 186, 199, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 186) }
```

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

```
.background{ background-color: rgb(190,  
199, 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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