

Converting Colors

`RYB(176, 198, 195)`

Have a look what the booklet for
RYB(176, 198, 195) contains.

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Color

R_YB(176, 198, 195)

Conversions

Conversions Part 1

Format	Color
Hex	B3C6B0
RGB	179, 198, 176
RGB Percent	70%, 78%, 69%
CMY	0.2980, 0.2235, 0.3098
CMYK	0.10, 0.00, 0.11, 0.22
HSL	112°, 16%, 73%
HSV	112°, 11%, 78%
XYZ	46.6210, 53.1065, 48.8677
YIQ	189.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

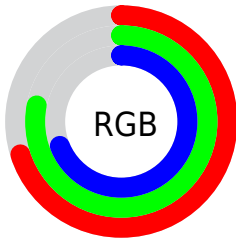
Format	Color
RYB	176, 198, 195
Decimal	11781808
CIELab	77.94, -10.58, 8.84
CIElCh	78, 13.786, 140.142
Yxy	53.1065, 0.3137, 0.3574
Android (android.graphics.Color)	4289971888 (0xFFB3C6B0)
YUV	189.8110, -6.8088, -9.4812
Hunter-Lab	72.8742, -13.3352, 11.2535

Details

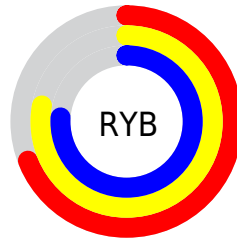
The RYB color **176, 198, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 176, 198**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **232, 255, 252**, and **124, 144, 142** is the 20% darker color. If you saturate the color by 10%, you get **156, 198, 192**, and if you desaturate by 10%, it is **196, 198, 198**.

Distribution



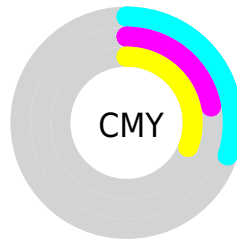
- Red (70%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 198, 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 176, 198, 195 by changing the saturation by 10% instead.


 176, 198, 195


255, 255, 255

 232, 255, 252

 176, 198, 195


 149, 171, 168

 124, 144, 142

 99, 119, 117

 75, 94, 92

 52, 70, 68

 31, 48, 47

 7, 27, 23


 0, 0, 0

 176, 198, 195


 176, 198, 195


 156, 198, 192


 196, 198, 198

 136, 198, 189


 213, 198, 216

 117, 198, 187


 230, 198, 235


 97, 198, 184


 247, 198, 255

 77, 198, 182

 255, 198, 255

 57, 198, 179

 37, 198, 176

 18, 198, 174

 0, 198, 171

Harmonies

Analogous

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



169, 195, 170



176, 198, 195



167, 187, 200

Triad

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



176, 198, 195



174, 188, 218



220, 184, 184

Complementary

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



176, 198, 195



195, 176, 198

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.



216, 184, 197



176, 198, 195



190, 191, 217

Square

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



176, 198, 195



163, 183, 212



205, 187, 209



217, 193, 174

Rectangle

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



176, 198, 195



162, 182, 200



205, 187, 209



220, 184, 189

Sweetspot

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



176, 198, 195



247, 255, 254



179, 198, 176



122, 128, 127



0, 0, 0



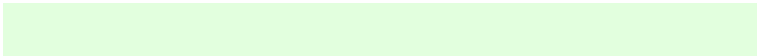
128, 128, 128

Same Dimension

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



176, 198, 195



222, 255, 251



176, 192, 198



90, 99, 98



0, 163, 141



0, 36, 31

Inverse Universe

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



195, 176, 198



250, 222, 255



198, 176, 190



98, 90, 99



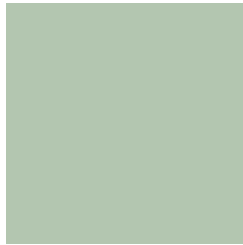
141, 0, 163



31, 0, 36

Previews

White Background



This preview shows how the RYB color 176, 198, 195 looks on a white background.

Color Contrast Check

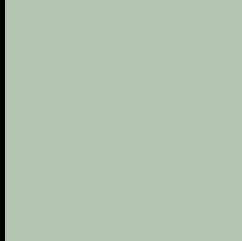
Large Text (above 18pt) WCAG AA × Fail

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 176, 198, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

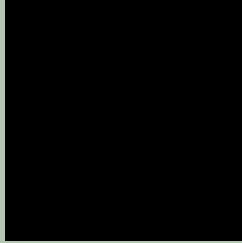
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

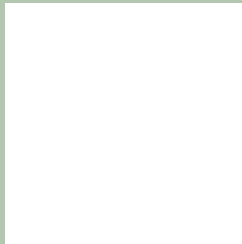
Any Text WCAG AAA ✓ Pass

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

RYB 176, 198, 195 Background



This preview shows how black text looks on a background with the RYB color 176, 198, 195.



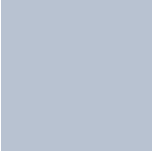
This preview shows how white text looks on a background with the RYB color 176, 198, 195.

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](#).

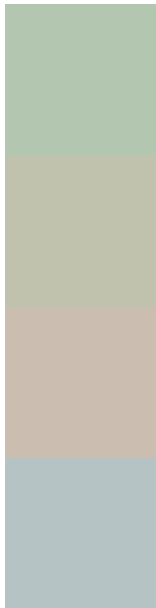
Dichromacy





Tritanopia
184, 191, 209

Trichromacy



Original Color

176, 198, 195

Protanomaly

174, 194, 176

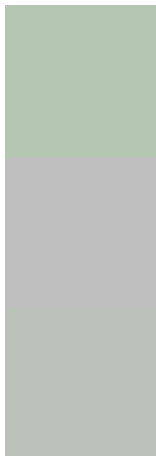
Deuteranomaly

203, 203, 177

Tritanomaly

182, 189, 197

Monochromacy



Original Color

176, 198, 195

Achromatopsia

190, 190, 190

Achromatomaly

185, 193, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 198, 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(179, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 176)  
}
```

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(179, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 176) }
```

Border

The CSS property to change the border of an element to RYB 176, 198, 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(179, 198, 176) }
```

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

```
.border{ border-color:rgb(179, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 176, 198, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 176) }
```

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

```
.background{ background-color: rgb(179,  
198, 176) }
```

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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