

Converting Colors

`RYB(176, 198, 176)`

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

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Color

R_YB(176, 198, 176)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6B0
RGB	198, 198, 176
RGB Percent	78%, 78%, 69%
CMY	0.2235, 0.2235, 0.3098
CMYK	0.00, 0.00, 0.11, 0.22
HSL	60°, 16%, 73%
HSV	60°, 11%, 78%
XYZ	51.3193, 55.5285, 49.0876
YIQ	195.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

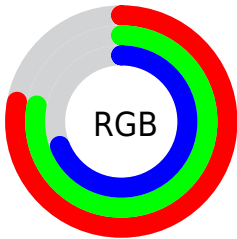
Format	Color
RYB	176, 198, 176
Decimal	13026992
CIELab	79.34, -3.82, 11.03
CIELCh	79, 11.675, 109.110
Yxy	55.5285, 0.3291, 0.3561
Android (android.graphics.Color)	4291217072 (0xFFC6C6B0)
YUV	195.4920, -9.6096, 2.1995
Hunter-Lab	74.5175, -7.4748, 13.1056

Details

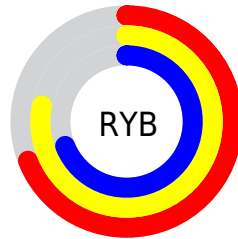
The RYB color **176, 198, 176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **176, 176, 198**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **232, 255, 232**, and **123, 144, 123** is the 20% darker color. If you saturate the color by 10%, you get **156, 198, 156**, and if you desaturate by 10%, it is **196, 198, 196**.

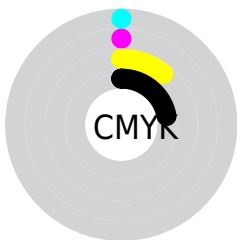
Distribution



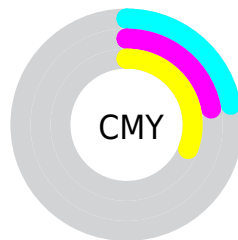
- Red (78%)
- Green (78%)
- Blue (69%)



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



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



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

Brightness & Saturation Gradients

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

 176, 198, 176


255, 255, 255

 232, 255, 232

 176, 198, 176


 149, 171, 149

 123, 144, 123

 99, 119, 100

 75, 94, 75

 52, 70, 52

 31, 48, 32

 7, 27, 7

 0, 0, 0

 176, 198, 176

 176, 198, 176

■ 156, 198, 156

■ 196, 198, 196

■ 136, 198, 136

■ 198, 198, 216

■ 117, 198, 117

■ 198, 198, 235

■ 97, 198, 97

■ 198, 198, 255

■ 77, 198, 77

■ 57, 198, 57

■ 37, 198, 37

■ 18, 198, 18

■ 0, 198, 0

Harmonies

Analogous

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



204, 210, 175



176, 198, 176



182, 201, 198

Triad

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



176, 198, 176



172, 189, 213



216, 190, 201

Complementary

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



176, 198, 176



176, 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.



207, 192, 211



176, 198, 176



181, 193, 218

Square

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



176, 198, 176



170, 187, 203



194, 195, 217



220, 189, 190

Rectangle

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



176, 198, 176



178, 195, 202



194, 195, 217



214, 190, 205

Sweetspot

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



176, 198, 176



247, 255, 247



198, 176, 176



122, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



176, 198, 176



222, 255, 222



176, 198, 187



90, 99, 90



0, 163, 0



0, 36, 0

Inverse Universe

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



176, 176, 198



222, 222, 255



187, 176, 198



90, 90, 99



0, 0, 163



0, 0, 36

Previews

White Background



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

Color Contrast Check

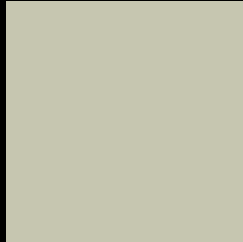
Large Text (above 18pt) WCAG AA × Fail

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, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

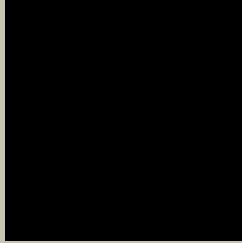
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

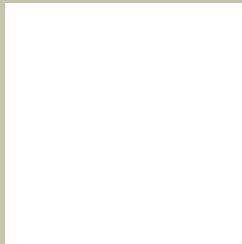
Any Text WCAG AAA ✓ Pass

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

RYB 176, 198, 176 Background



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

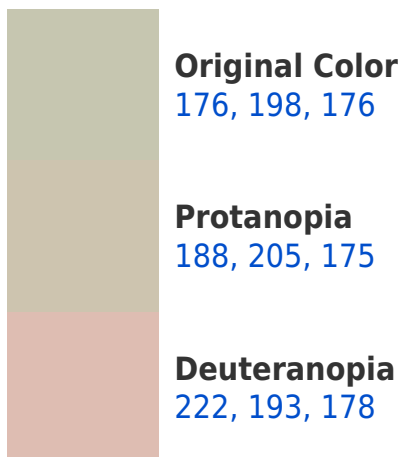



This preview shows how white text looks on a background with the RYB color 176, 198, 176.

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
203, 193, 209

Trichromacy



Original Color

176, 198, 176

Protanomaly

181, 202, 175

Deuteranomaly

213, 203, 177

Tritanomaly

201, 195, 197

Monochromacy



Original Color

176, 198, 176

Achromatopsia

195, 195, 195

Achromatomaly

188, 196, 188

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(198, 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(198, 198, 176) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(198, 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(198, 198, 176)` colored shadow looks like.

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

Background

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

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

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

```
.background{ background-color: rgb(198,  
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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