

Converting Colors

`RYB(175, 198, 175)`

Have a look what the booklet for
RYB(175, 198, 175) contains.

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Color

`RYB(175, 198, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	C6C6AF
RGB	198, 198, 175
RGB Percent	78%, 78%, 69%
CMY	0.2235, 0.2235, 0.3137
CMYK	0.00, 0.00, 0.12, 0.22
HSL	60°, 17%, 73%
HSV	60°, 12%, 78%
XYZ	51.2206, 55.4891, 48.5683
YIQ	195.3780, 7.3830, -7.1530

Conversions

Conversions Part 2

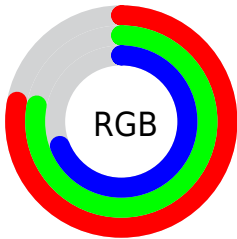
Format	Color
RYB	175, 198, 175
Decimal	13026991
CIELab	79.32, -3.99, 11.54
CIELCh	79, 12.205, 109.062
Yxy	55.4891, 0.3299, 0.3574
Android (android.graphics.Color)	4291217071 (0xFFC6C6AF)
YUV	195.3780, -10.0464, 2.2995
Hunter-Lab	74.4910, -7.6211, 13.4865

Details

The RYB color **175, 198, 175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 175, 198**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **231, 255, 231**, and **123, 144, 123** is the 20% darker color. If you saturate the color by 10%, you get **155, 198, 155**, and if you desaturate by 10%, it is **195, 198, 195**.

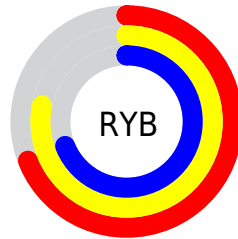
Distribution



Red (78%)

Green (78%)

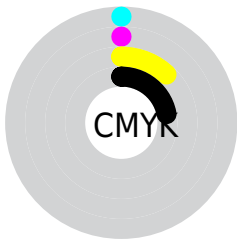
Blue (69%)



Red (69%)

Yellow (78%)

Blue (69%)

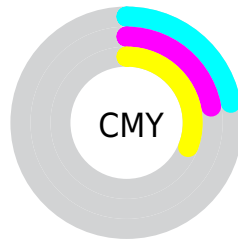


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 198, 175 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 175, 198, 175 by changing the saturation by 10% instead.


 175, 198, 175

255, 255, 255

 231, 255, 231


 175, 198, 175


 148, 171, 148

 123, 144, 123

 98, 119, 99

 74, 94, 74

 51, 70, 51

 30, 48, 31

 6, 27, 6


 0, 0, 0

 175, 198, 175

 175, 198, 175

 155, 198, 155

 195, 198, 195

 135, 198, 135

 198, 198, 215

 116, 198, 116

 198, 198, 234

 96, 198, 96

 198, 198, 254

 76, 198, 76

 198, 198, 255

 56, 198, 56

 36, 198, 36

 17, 198, 17

 0, 198, 0

Harmonies

Analogous

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



203, 210, 174



175, 198, 175



181, 201, 197

Triad

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



175, 198, 175



170, 188, 213



217, 189, 201

Complementary

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



175, 198, 175



175, 175, 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, 191, 211



175, 198, 175



180, 193, 218

Square

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



175, 198, 175



168, 186, 203



194, 195, 218



221, 189, 190

Rectangle

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



175, 198, 175



177, 195, 203



194, 195, 218



215, 190, 205

Sweetspot

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



175, 198, 175



247, 255, 247



198, 175, 175



122, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



175, 198, 175



219, 255, 219



175, 198, 186



90, 99, 90



0, 163, 0



0, 36, 0

Inverse Universe

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



175, 175, 198



219, 219, 255



187, 175, 198



90, 90, 99



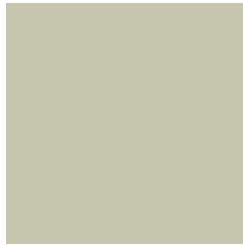
0, 0, 163



0, 0, 36

Previews

White Background



This preview shows how the RYB color 175, 198, 175 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 175, 198, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

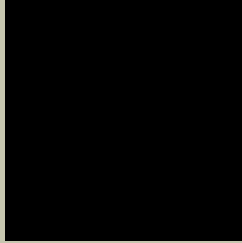
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

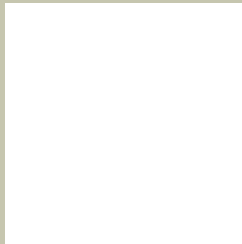
Any Text WCAG AAA ✓ Pass

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

RYB 175, 198, 175 Background



This preview shows how black text looks on a background with the RYB color 175, 198, 175.



This preview shows how white text looks on a background with the RYB color 175, 198, 175.

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
175, 198, 175

Protanopia
187, 205, 174

Deuteranopia
223, 193, 177



Tritanopia
203, 193, 208

Trichromacy



Original Color

175, 198, 175

Protanomaly

180, 202, 174

Deuteranomaly

214, 204, 176

Tritanomaly

201, 195, 196

Monochromacy



Original Color

175, 198, 175

Achromatopsia

195, 195, 195

Achromatomaly

188, 196, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 198, 175 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, 175) looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 198, 175 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, 175) }
```

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

```
.border{ border-color:rgb(198, 198, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 175);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 198, 175 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, 175) }
```

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

```
.background{ background-color: rgb(198,  
198, 175) }
```

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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