

Converting Colors

`RYB(176, 201, 175)`

Have a look what the booklet for
RYB(176, 201, 175) contains.

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Color

R_YB(176, 201, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C9C8AF
RGB	201, 200, 175
RGB Percent	79%, 78%, 69%
CMY	0.2118, 0.2155, 0.3137
CMYK	0.00, 0.00, 0.13, 0.21
HSL	58°, 19%, 74%
HSV	58°, 13%, 79%
XYZ	52.4881, 56.8384, 48.7619
YIQ	197.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

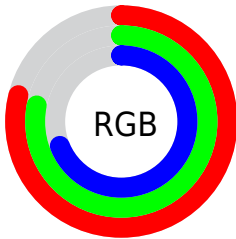
Format	Color
RYB	176, 201, 175
Decimal	13224111
CIELab	80.09, -3.96, 12.65
CIELCh	80, 13.259, 107.380
Yxy	56.8384, 0.3320, 0.3595
Android (android.graphics.Color)	4291414191 (0xFFC9C8AF)
YUV	197.4490, -11.0674, 3.1142
Hunter-Lab	75.3912, -7.6612, 14.4260

Details

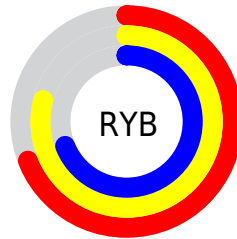
The RYB color **176, 201, 175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 176, 201**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **231, 255, 231**, and **124, 147, 123** is the 20% darker color. If you saturate the color by 10%, you get **157, 201, 155**, and if you desaturate by 10%, it is **195, 201, 195**.

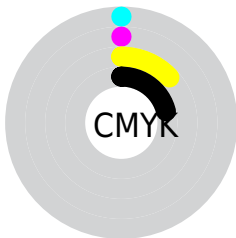
Distribution



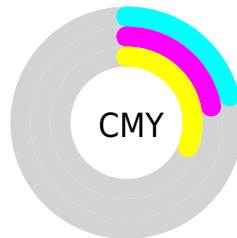
- Red (79%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 201, 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 176, 201, 175 by changing the saturation by 10% instead.

 176, 201, 175


255, 255, 255


 231, 255, 231


 176, 201, 175

 149, 174, 148

 124, 147, 123

 99, 121, 98

 74, 96, 74

 51, 72, 51

 30, 50, 31

 6, 29, 6

 0, 1, 1

 0, 0, 0

■ 176, 201, 175

■ 176, 201, 175

■ 157, 201, 155

■ 195, 201, 195

■ 137, 201, 135

■ 201, 202, 215

■ 118, 201, 115

■ 201, 202, 235

■ 99, 201, 95

■ 201, 203, 255

■ 80, 201, 75

■ 201, 204, 255

■ 59, 201, 54

■ 201, 205, 255

■ 40, 201, 34

■ 201, 206, 255

■ 21, 201, 14

■ 201, 206, 255

■ 7, 201, 0

Harmonies

Analogous

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



208, 214, 175



176, 201, 175



182, 204, 199

Triad

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



176, 201, 175



169, 189, 216



221, 191, 204

Complementary

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



176, 201, 175



175, 176, 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, 193, 215



176, 201, 175



180, 194, 222

Square

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



176, 201, 175



168, 187, 206



195, 197, 222



225, 190, 192

Rectangle

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



176, 201, 175



178, 197, 205



195, 197, 222



218, 191, 208

Sweetspot

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



176, 201, 175



245, 255, 245



201, 175, 176



122, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



176, 201, 175



216, 255, 214



175, 201, 187



90, 99, 90



6, 163, 0



2, 36, 0

Inverse Universe

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



175, 176, 201



214, 216, 255



187, 175, 201



90, 90, 99



0, 6, 163



0, 1, 36

Previews

White Background



This preview shows how the RYB color 176, 201, 175 looks on a white background.

Color Contrast Check

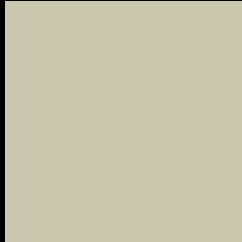
Large Text (above 18pt) WCAG AA × Fail

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 176, 201, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

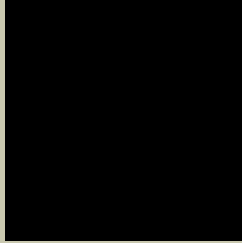
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

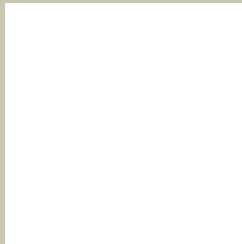
Any Text WCAG AAA ✓ Pass

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

RYB 176, 201, 175 Background



This preview shows how black text looks on a background with the RYB color 176, 201, 175.



This preview shows how white text looks on a background with the RYB color 176, 201, 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
176, 201, 175

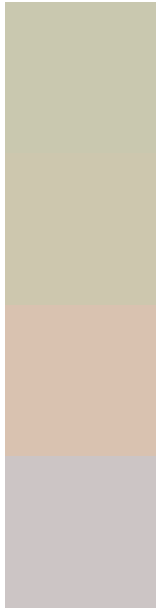
Protanopia
188, 208, 174

Deuteranopia
226, 197, 177



Tritanopia
206, 195, 210

Trichromacy



Original Color

176, 201, 175

Protanomaly

181, 205, 174

Deuteranomaly

217, 208, 176

Tritanomaly

204, 197, 197

Monochromacy



Original Color

176, 201, 175

Achromatopsia

197, 197, 197

Achromatomaly

189, 198, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 201, 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(201, 200, 175) looks like.

```
.text, #text, p{  
    color:rgb(201, 200, 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(201, 200, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 200, 175) }
```

Border

The CSS property to change the border of an element to RYB 176, 201, 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(201, 200, 175) }
```

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

```
.border{ border-color:rgb(201, 200, 175) }
```

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

Here you see how a box with a 4 pixel rgb(201, 200, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 200, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 200, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 200,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 176, 201, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 200, 175) }
```

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

```
.background{ background-color: rgb(201,  
200, 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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