

Converting Colors

`RYB(176, 208, 183)`

Have a look what the booklet for
RYB(176, 208, 183) contains.

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Color

R_YB(176, 208, 183)

Conversions

Conversions Part 1

Format	Color
Hex	C9D0B0
RGB	201, 208, 176
RGB Percent	79%, 82%, 69%
CMY	0.2118, 0.1843, 0.3098
CMYK	0.03, 0.00, 0.15, 0.18
HSL	73°, 25%, 75%
HSV	73°, 15%, 82%
XYZ	54.4797, 60.6638, 49.9122
YIQ	202.2590, 6.1000, -11.4360

Conversions

Conversions Part 2

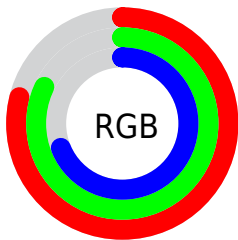
Format	Color
RYB	176, 208, 183
Decimal	13226160
CIELab	82.20, -7.93, 15.10
CIELCh	82, 17.051, 117.705
Yxy	60.6638, 0.3301, 0.3675
Android (android.graphics.Color)	4291416240 (0xFFC9D0B0)
YUV	202.2590, -12.9457, -1.1041
Hunter-Lab	77.8870, -11.4466, 16.5262

Details

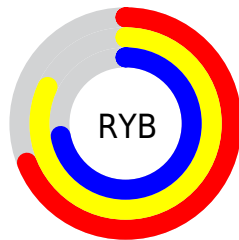
The RYB color **176, 208, 183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **183, 176, 208**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **232, 255, 232**, and **123, 154, 130** is the 20% darker color. If you saturate the color by 10%, you get **155, 208, 167**, and if you desaturate by 10%, it is **197, 208, 199**.

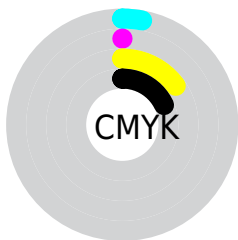
Distribution



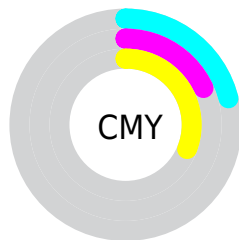
- Red (79%)
- Green (82%)
- Blue (69%)



- Red (69%)
- Yellow (82%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 208, 183 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, 208, 183 by changing the saturation by 10% instead.

 176, 208, 183


255, 255, 255

 232, 255, 232

 176, 208, 183

 149, 180, 155

 123, 154, 130

 98, 128, 105

 75, 103, 82

 52, 79, 59

 30, 56, 37

 7, 34, 12

 0, 13, 13

 0, 0, 0

 176, 208, 183

 176, 208, 183

 155, 208, 167

 197, 208, 199

 134, 208, 150

 210, 208, 218

 114, 208, 135

 215, 208, 238

 93, 208, 118

 219, 208, 255

 72, 208, 102

 224, 208, 255

 51, 208, 85

 228, 208, 255

 30, 208, 69

 233, 208, 255

 10, 208, 53

 237, 208, 255

 0, 208, 45

 242, 208, 255

Harmonies

Analogous

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



198, 219, 173



176, 208, 183



183, 208, 212

Triad

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



176, 208, 183



169, 194, 231



236, 194, 206

Complementary

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



176, 208, 183



183, 176, 208

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.



224, 196, 222



176, 208, 183



185, 200, 236

Square

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



176, 208, 183



163, 189, 219



206, 201, 233



238, 194, 190

Rectangle

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



176, 208, 183



173, 198, 213



206, 201, 233



233, 194, 212

Sweetspot

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



176, 208, 183



242, 255, 245



208, 185, 176



120, 128, 122



0, 0, 0



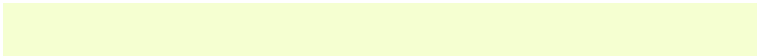
128, 128, 128

Same Dimension

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



176, 208, 183



209, 255, 219



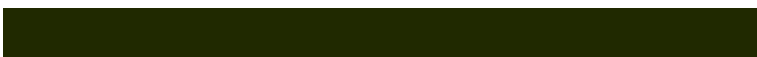
176, 208, 199



94, 105, 97



0, 168, 37



0, 41, 9

Inverse Universe

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



183, 176, 208



219, 209, 255



199, 176, 208



96, 94, 105



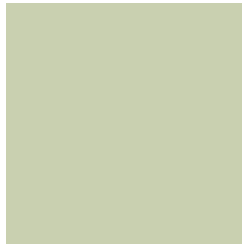
37, 0, 168



9, 0, 41

Previews

White Background



This preview shows how the RYB color 176, 208, 183 looks on a white background.

Color Contrast Check

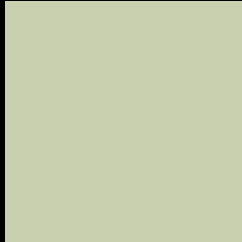
Large Text (above 18pt) WCAG AA × Fail

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, 208, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

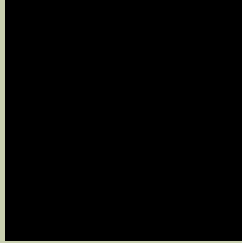
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

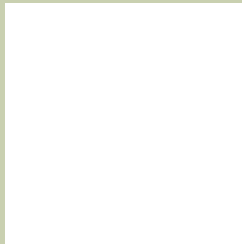
Any Text WCAG AAA ✓ Pass

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

RYB 176, 208, 183 Background



This preview shows how black text looks on a background with the RYB color 176, 208, 183.

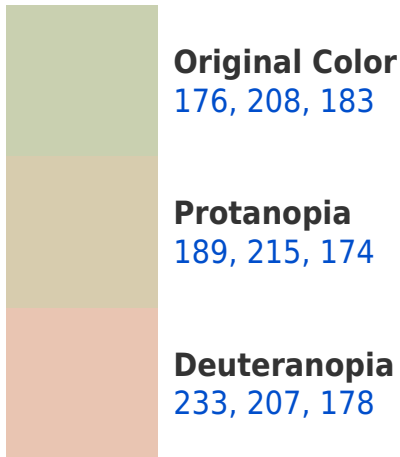


This preview shows how white text looks on a background with the RYB color 176, 208, 183.

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
207, 202, 218

Trichromacy



Original Color
176, 208, 183

Protanomaly
181, 210, 175

Deuteranomaly
214, 221, 177

Tritanomaly
205, 205, 203

Monochromacy



Original Color
176, 208, 183

Achromatopsia
202, 202, 202

Achromatomaly
193, 204, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 208, 183 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, 208, 176) looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 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(201, 208, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 176) }
```

Border

The CSS property to change the border of an element to RYB 176, 208, 183 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, 208, 176) }
```

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

```
.border{ border-color:rgb(201, 208, 176) }
```

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

Here you see how a box with a 4 pixel rgb(201, 208, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 176);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 176, 208, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 176) }
```

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

```
.background{ background-color: rgb(201,  
208, 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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