

Converting Colors

`RYB(176, 207, 180)`

Have a look what the booklet for
RYB(176, 207, 180) contains.

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Color

R_YB(176, 207, 180)

Conversions

Conversions Part 1

Format	Color
Hex	CBCFB0
RGB	203, 207, 176
RGB Percent	80%, 81%, 69%
CMY	0.2039, 0.1882, 0.3098
CMYK	0.02, 0.00, 0.15, 0.19
HSL	68°, 24%, 75%
HSV	68°, 15%, 81%
XYZ	54.7779, 60.4567, 49.8565
YIQ	202.2700, 7.5670, -10.4890

Conversions

Conversions Part 2

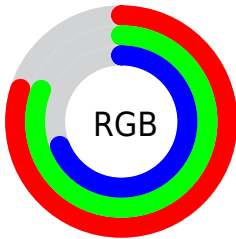
Format	Color
RYB	176, 207, 180
Decimal	13356976
CIELab	82.09, -6.69, 14.96
CIELCh	82, 16.388, 114.089
Yxy	60.4567, 0.3318, 0.3662
Android (android.graphics.Color)	4291547056 (0xFFCBCFB0)
YUV	202.2700, -12.9511, 0.6402
Hunter-Lab	77.7539, -10.3156, 16.4105

Details

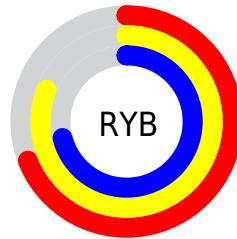
The RYB color **176, 207, 180** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180, 176, 207**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **232, 255, 232**, and **123, 153, 127** is the 20% darker color. If you saturate the color by 10%, you get **155, 207, 162**, and if you desaturate by 10%, it is **197, 207, 198**.

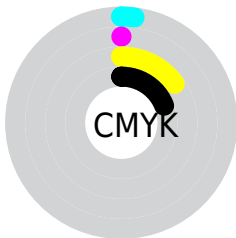
Distribution



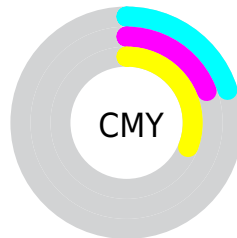
- Red (80%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 207, 180 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, 207, 180 by changing the saturation by 10% instead.

 176, 207, 180


255, 255, 255


 232, 255, 232

 176, 207, 180

 149, 179, 153

 123, 153, 127


 98, 127, 102

 75, 102, 79

 52, 78, 56

 30, 55, 34

 7, 34, 11

 0, 12, 12

 0, 0, 0

 176, 207, 180

 176, 207, 180

 155, 207, 162

 197, 207, 198

 135, 207, 144

 208, 207, 217

 114, 207, 126

 211, 207, 238

 93, 207, 108

 214, 207, 255

 72, 207, 89

 216, 207, 255

 52, 207, 72

 219, 207, 255

 31, 207, 54

 222, 207, 255

 10, 207, 35

 224, 207, 255

 0, 207, 27

 227, 207, 255

Harmonies

Analogous

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



204, 220, 174



176, 207, 180



185, 210, 211

Triad

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



176, 207, 180



169, 194, 228



233, 194, 208

Complementary

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



176, 207, 180



180, 176, 207

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.



221, 197, 222



176, 207, 180



184, 199, 234

Square

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



176, 207, 180



164, 189, 216



203, 201, 232



237, 194, 192

Rectangle

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



176, 207, 180



175, 200, 213



203, 201, 232



230, 194, 213

Sweetspot

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



176, 207, 180



245, 255, 246



207, 181, 176



121, 128, 122



0, 0, 0



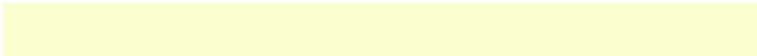
128, 128, 128

Same Dimension

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



176, 207, 180



209, 255, 215



176, 207, 195



94, 105, 96



0, 168, 21



0, 41, 5

Inverse Universe

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



180, 176, 207



215, 209, 255



195, 176, 207



95, 94, 105



22, 0, 168



5, 0, 41

Previews

White Background



This preview shows how the RYB color 176, 207, 180 looks on a white background.

Color Contrast Check

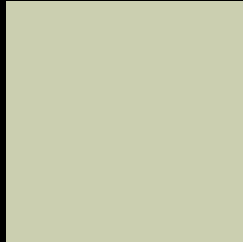
Large Text (above 18pt) WCAG AA × Fail

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, 207, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

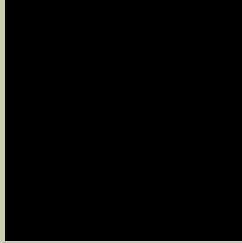
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

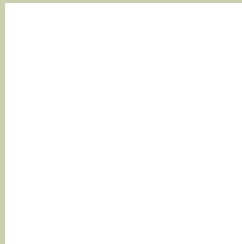
Any Text WCAG AAA ✓ Pass

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

RYB 176, 207, 180 Background



This preview shows how black text looks on a background with the RYB color 176, 207, 180.



This preview shows how white text looks on a background with the RYB color 176, 207, 180.

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](#).

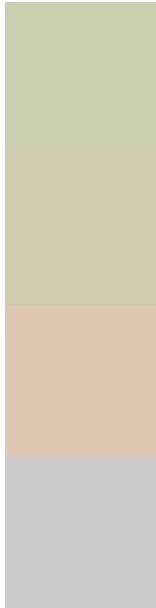
Dichromacy





Tritanopia
209, 201, 217

Trichromacy



Original Color
176, 207, 180

Protanomaly
182, 210, 175

Deuteranomaly
220, 222, 177

Tritanomaly
207, 203, 202

Monochromacy



Original Color
176, 207, 180

Achromatopsia
202, 202, 202

Achromatomaly
193, 204, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 207, 180 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(203, 207, 176) looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 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(203, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 176) }
```

Border

The CSS property to change the border of an element to RYB 176, 207, 180 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(203, 207, 176) }
```

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

```
.border{ border-color:rgb(203, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 176, 207, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 176) }
```

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

```
.background{ background-color: rgb(203,  
207, 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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