

Converting Colors

`RYB(176, 211, 181)`

Have a look what the booklet for
RYB(176, 211, 181) contains.

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Color

R_YB(176, 211, 181)

Conversions

Conversions Part 1

Format	Color
Hex	CED3B0
RGB	206, 211, 176
RGB Percent	81%, 83%, 69%
CMY	0.1922, 0.1725, 0.3098
CMYK	0.02, 0.00, 0.17, 0.17
HSL	69°, 28%, 76%
HSV	69°, 17%, 83%
XYZ	56.5843, 62.8449, 50.2223
YIQ	205.5150, 8.2550, -11.9450

Conversions

Conversions Part 2

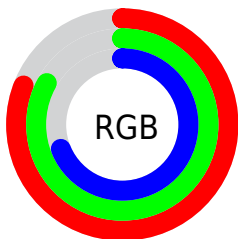
Format	Color
RYB	176, 211, 181
Decimal	13554608
CIELab	83.36, -7.66, 16.78
CIElCh	83, 18.448, 114.531
Yxy	62.8449, 0.3335, 0.3704
Android (android.graphics.Color)	4291744688 (0xFFCED3B0)
YUV	205.5150, -14.5509, 0.4253
Hunter-Lab	79.2748, -11.3221, 17.9309

Details

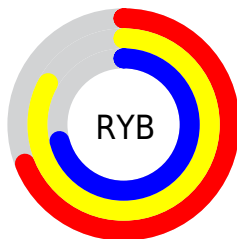
The RYB color **176, 211, 181** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **181, 176, 211**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **232, 255, 232**, and **123, 157, 128** is the 20% darker color. If you saturate the color by 10%, you get **155, 211, 163**, and if you desaturate by 10%, it is **197, 211, 199**.

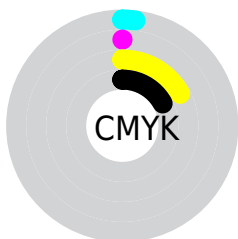
Distribution



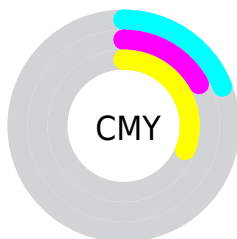
- Red (81%)
- Green (83%)
- Blue (69%)



- Red (69%)
- Yellow (83%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 211, 181 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, 211, 181 by changing the saturation by 10% instead.


 176, 211, 181


255, 255, 255


 232, 255, 232

 176, 211, 181


 149, 183, 154

 123, 157, 128


 98, 130, 103

 74, 105, 79

 52, 81, 57

 30, 58, 35

 7, 37, 12

 0, 16, 16

 0, 0, 0

 176, 211, 181

 176, 211, 181

 155, 211, 163

 197, 211, 199

 134, 211, 145

 212, 211, 218


 113, 211, 127

 215, 211, 239

 92, 211, 109

 218, 211, 255

 71, 211, 91

 221, 211, 255

 49, 211, 72

 224, 211, 255

 28, 211, 54

 227, 211, 255

 7, 211, 36

 230, 211, 255

 0, 211, 30

 233, 211, 255

Harmonies

Analogous

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



206, 225, 173



176, 211, 181



186, 214, 215

Triad

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



176, 211, 181



168, 196, 235



241, 196, 212

Complementary

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



176, 211, 181



181, 176, 211

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.



227, 199, 228



176, 211, 181



185, 202, 242

Square

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



176, 211, 181



162, 191, 221



207, 204, 239



244, 196, 194

Rectangle

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



176, 211, 181



174, 202, 217



207, 204, 239



237, 197, 217

Sweetspot

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



176, 211, 181



242, 255, 244



211, 182, 176



120, 128, 122



0, 0, 0



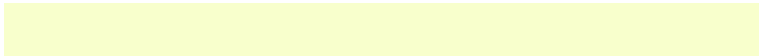
128, 128, 128

Same Dimension

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



176, 211, 181



204, 255, 211



176, 211, 198



94, 105, 96



0, 168, 24



0, 41, 6

Inverse Universe

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



181, 176, 211



211, 204, 255



198, 176, 211



96, 94, 105



24, 0, 168



6, 0, 41

Previews

White Background



This preview shows how the RYB color 176, 211, 181 looks on a white background.

Color Contrast Check

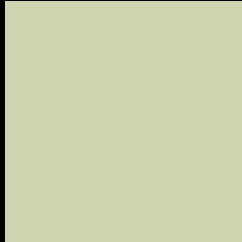
Large Text (above 18pt) WCAG AA × Fail

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, 211, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

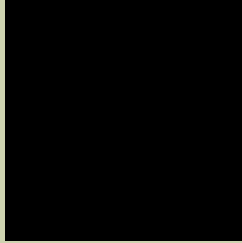
Any Text WCAG AA ✓ Pass

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, 211, 181 Background



This preview shows how black text looks on a background with the RYB color 176, 211, 181.

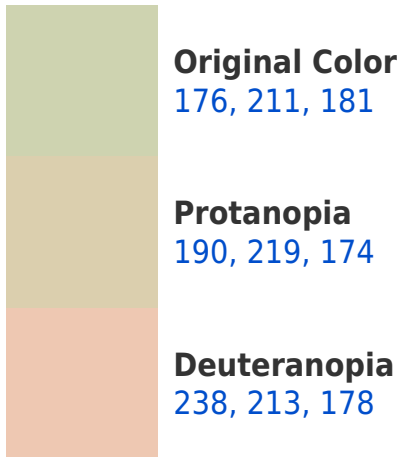


This preview shows how white text looks on a background with the RYB color 176, 211, 181.

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](#).

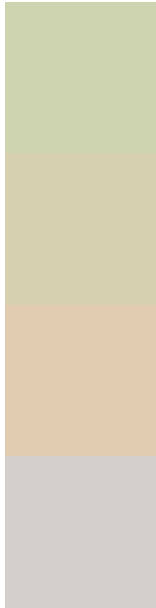
Dichromacy





Tritanopia
212, 205, 221

Trichromacy



Original Color
176, 211, 181

Protanomaly
182, 214, 175

Deuteranomaly
217, 226, 177

Tritanomaly
210, 208, 205

Monochromacy



Original Color
176, 211, 181

Achromatopsia
206, 206, 206

Achromatomaly
195, 208, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 211, 181 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(206, 211, 176) looks like.

```
.text, #text, p{  
    color:rgb(206, 211, 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(206, 211, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 211, 176) }
```

Border

The CSS property to change the border of an element to RYB 176, 211, 181 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(206, 211, 176) }
```

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

```
.border{ border-color:rgb(206, 211, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 211, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 211, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 211, 176);  
box-shadow:4px 4px 4px 4px rgb(206, 211,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 176, 211, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 211, 176) }
```

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

```
.background{ background-color: rgb(206,  
211, 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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