

Converting Colors

`RYB(176, 212, 160)`

Have a look what the booklet for
RYB(176, 212, 160) contains.

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Color

R_YB(176, 212, 160)

Conversions

Conversions Part 1

Format	Color
Hex	D4C8A0
RGB	212, 200, 160
RGB Percent	83%, 78%, 63%
CMY	0.1686, 0.2166, 0.3725
CMYK	0.00, 0.06, 0.25, 0.17
HSL	46°, 38%, 73%
HSV	46°, 25%, 83%
XYZ	54.0964, 57.7348, 41.5504
YIQ	199.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

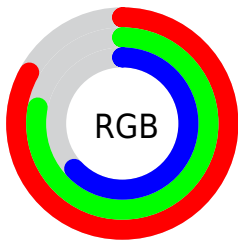
Format	Color
RYB	176, 212, 160
Decimal	13944992
CIELab	80.59, -1.98, 21.47
CIElCh	81, 21.560, 95.266
Yxy	57.7348, 0.3527, 0.3764
Android (android.graphics.Color)	4292135072 (0xFFD4C8A0)
YUV	199.0280, -19.2408, 11.3764
Hunter-Lab	75.9834, -5.8879, 20.7665

Details

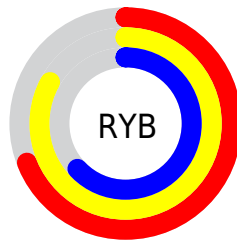
The RYB color **176, 212, 160** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160, 170, 212**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **215, 255, 215**, and **122, 157, 108** is the 20% darker color. If you saturate the color by 10%, you get **161, 212, 139**, and if you desaturate by 10%, it is **190, 212, 181**.

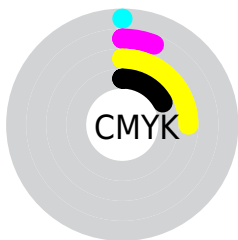
Distribution



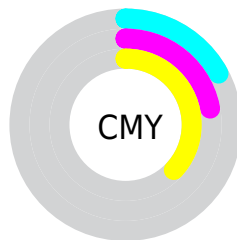
- Red (83%)
- Green (78%)
- Blue (63%)



- Red (69%)
- Yellow (83%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 212, 160 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, 212, 160 by changing the saturation by 10% instead.


 176, 212, 160

255, 255, 255

 215, 255, 215


 243, 255, 243

 176, 212, 160

 150, 184, 134

 122, 157, 108

 97, 130, 84

 71, 105, 60

 48, 80, 38

 24, 56, 17


 7, 35, 0

 0, 4, 4

 0, 0, 0

 176, 212, 160


 176, 212, 160

 161, 212, 139

 190, 212, 181

 147, 212, 118


 205, 212, 202

 131, 212, 96

 212, 214, 224

 117, 212, 75

 212, 218, 245

 102, 212, 54


 212, 222, 255

 88, 212, 33

 212, 225, 255

 73, 212, 12

 212, 227, 255

 65, 212, 0

 212, 229, 255

 212, 231, 255

Harmonies

Analogous

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



230, 216, 164



176, 212, 160



167, 206, 184

Triad

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



176, 212, 160



146, 181, 222



229, 188, 217

Complementary

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



176, 212, 160



160, 170, 212

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.



208, 194, 233



176, 212, 160



158, 188, 236

Square

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



176, 212, 160



150, 183, 212



182, 196, 240



241, 186, 197

Rectangle

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



176, 212, 160



174, 206, 209



182, 196, 240



223, 190, 223

Sweetspot

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



176, 212, 160



242, 255, 237



212, 160, 173



121, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



176, 212, 160



203, 255, 181



160, 212, 173



98, 107, 96



52, 171, 0



13, 43, 0

Inverse Universe

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



160, 170, 212



181, 195, 255



173, 160, 212



96, 98, 107



0, 32, 171



0, 8, 43

Previews

White Background



This preview shows how the RYB color 176, 212, 160 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, 212, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

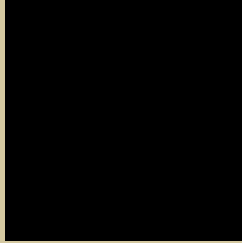
Any Text WCAG AA ✓ Pass

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, 212, 160 Background



This preview shows how black text looks on a background with the RYB color 176, 212, 160.

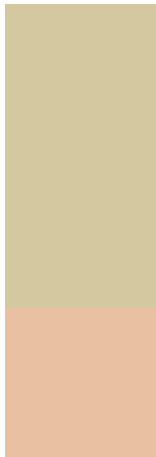


This preview shows how white text looks on a background with the RYB color 176, 212, 160.

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, 212, 160

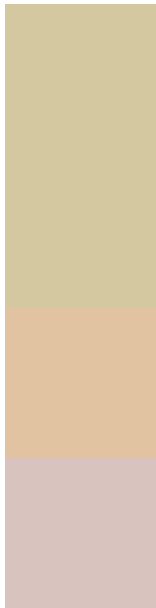
Protanopia
176, 212, 160

Deuteranopia
233, 214, 162



Tritanopia
218, 193, 208

Trichromacy



Original Color

176, 212, 160

Protanomaly

176, 212, 160

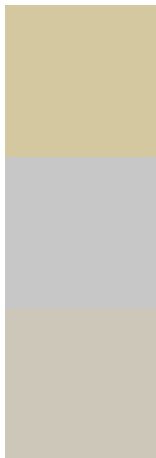
Deuteranomaly

217, 225, 161

Tritanomaly

216, 196, 191

Monochromacy



Original Color

176, 212, 160

Achromatopsia

199, 199, 199

Achromatomaly

192, 204, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 212, 160 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(212, 200, 160)` looks like.

```
.text, #text, p{  
    color:rgb(212, 200, 160)  
}
```

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(212, 200, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 200, 160) }
```

Border

The CSS property to change the border of an element to RYB 176, 212, 160 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(212, 200, 160) }
```

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

```
.border{ border-color:rgb(212, 200, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 200, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 200, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 200, 160);  
box-shadow:4px 4px 4px 4px rgb(212, 200,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 176, 212, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 200, 160) }
```

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

```
.background{ background-color: rgb(212,  
200, 160) }
```

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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