

Converting Colors

`RYB(210, 224, 176)`

Have a look what the booklet for
RYB(210, 224, 176) contains.

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Color

$\text{RYB}(210, 224, 176)$

Conversions

Conversions Part 1

Format	Color
Hex	E0CCB0
RGB	224, 204, 176
RGB Percent	88%, 80%, 69%
CMY	0.1216, 0.1996, 0.3098
CMYK	0.00, 0.09, 0.21, 0.12
HSL	35°, 44%, 78%
HSV	35°, 21%, 88%
XYZ	60.1930, 62.2140, 49.9103
YIQ	206.7880, 20.9080, -4.4680

Conversions

Conversions Part 2

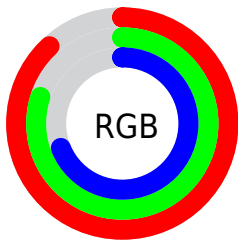
Format	Color
R _Y B	210, 224, 176
Decimal	14732464
CIE Lab	83.03, 2.54, 16.53
CIE LCh	83, 16.722, 81.275
Yxy	62.2140, 0.3493, 0.3610
Android (android.graphics.Color)	4292922544 (0xFFE0CCB0)
YUV	206.7880, -15.1785, 15.0949
Hunter-Lab	78.8759, -1.8130, 17.6962

Details

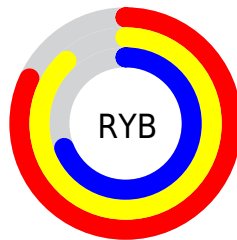
The RYB color **210, 224, 176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **176, 190, 224**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **232, 255, 232**, and **153, 168, 123** is the 20% darker color. If you saturate the color by 10%, you get **204, 224, 154**, and if you desaturate by 10%, it is **217, 224, 198**.

Distribution



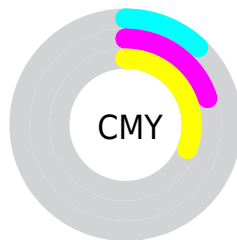
- Red (88%)
- Green (80%)
- Blue (69%)



- Red (82%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 224, 176 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 210, 224, 176 by changing the saturation by 10% instead.

 210, 224, 176


255, 255, 255


 232, 255, 232

 210, 224, 176

 181, 196, 149

 153, 168, 123

 128, 142, 98

 103, 116, 74

 76, 91, 52

 50, 66, 30

 25, 44, 7

 20, 16, 0

 0, 0, 0

■ 210, 224, 176

■ 210, 224, 176

■ 204, 224, 154

■ 217, 224, 198

■ 195, 224, 131

■ 223, 224, 221

■ 191, 224, 109

■ 224, 230, 243

■ 183, 224, 86

■ 224, 235, 255

■ 176, 224, 64

■ 224, 238, 255

■ 172, 224, 42

■ 224, 240, 255

■ 164, 224, 19

■ 159, 224, 0

Harmonies

Analogous

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



236, 206, 183



210, 224, 176



177, 209, 179

Triad

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



210, 224, 176



166, 191, 218



223, 199, 227

Complementary

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



210, 224, 176



176, 190, 224

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.



204, 204, 236



210, 224, 176



170, 196, 231

Square

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



210, 224, 176



174, 200, 216



184, 201, 237



236, 196, 212

Rectangle

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



210, 224, 176



183, 212, 200



184, 201, 237



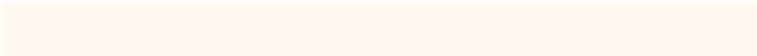
217, 201, 230

Sweetspot

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



210, 224, 176



250, 255, 240



224, 176, 196



126, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



210, 224, 176



235, 255, 189



176, 224, 180



107, 112, 101



125, 176, 0



34, 48, 0

Inverse Universe

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



176, 190, 224



189, 208, 255



180, 176, 224



101, 104, 112



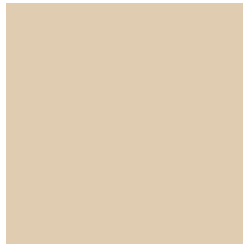
0, 52, 176



0, 14, 48

Previews

White Background



This preview shows how the RYB color 210, 224, 176 looks on a white background.

Color Contrast Check

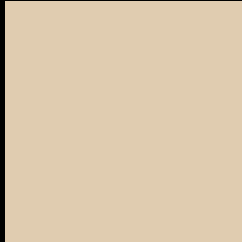
Large Text (above 18pt) WCAG AA × Fail

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 210, 224, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

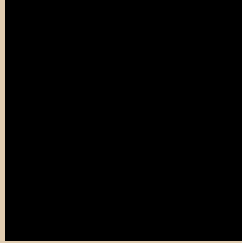
Any Text WCAG AA ✓ Pass

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 210, 224, 176 Background



This preview shows how black text looks on a background with the RYB color 210, 224, 176.



This preview shows how white text looks on a background with the RYB color 210, 224, 176.

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
210, 224, 176

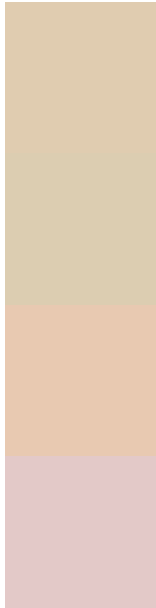
Protanopia
192, 217, 177

Deuteranopia
237, 212, 177



Tritanopia
229, 199, 214

Trichromacy



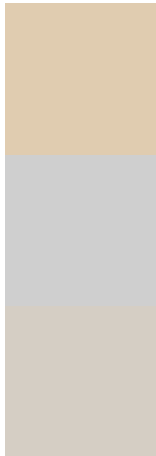
Original Color
210, 224, 176

Protanomaly
200, 220, 177

Deuteranomaly
232, 220, 177

Tritanomaly
227, 201, 200

Monochromacy



Original Color
210, 224, 176

Achromatopsia
207, 207, 207

Achromatomaly
208, 213, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 224, 176 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(224, 204, 176)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 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(224, 204, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 176) }
```

Border

The CSS property to change the border of an element to RYB 210, 224, 176 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(224, 204, 176) }
```

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

```
.border{ border-color:rgb(224, 204, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 176);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 224, 204, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 176) }
```

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

```
.background{ background-color: rgb(224,  
204, 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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