

Converting Colors

`RYB(215, 224, 179)`

Have a look what the booklet for
RYB(215, 224, 179) contains.

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Color

R_YB(215, 224, 179)

Conversions

Conversions Part 1

Format	Color
Hex	E0CCB3
RGB	224, 204, 179
RGB Percent	88%, 80%, 70%
CMY	0.1216, 0.2000, 0.2980
CMYK	0.00, 0.09, 0.20, 0.12
HSL	33°, 42%, 79%
HSV	33°, 20%, 88%
XYZ	60.4700, 62.2877, 51.4834
YIQ	207.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

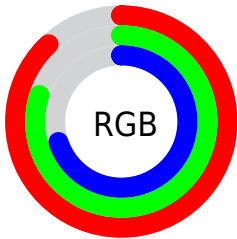
Format	Color
R _Y B	215, 224, 179
Decimal	14732467
CIE Lab	83.07, 3.03, 14.99
CIE LCh	83, 15.295, 78.590
Yxy	62.2877, 0.3470, 0.3575
Android (android.graphics.Color)	4292922547 (0xFFE0CCB3)
YUV	207.1300, -13.8681, 14.7950
Hunter-Lab	78.9226, -1.3488, 16.5692

Details

The RYB color **215, 224, 179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 193, 224**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **235, 255, 235**, and **158, 168, 126** is the 20% darker color. If you saturate the color by 10%, you get **211, 224, 157**, and if you desaturate by 10%, it is **219, 224, 201**.

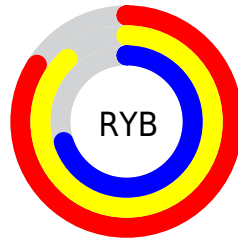
Distribution



Red (88%)

Green (80%)

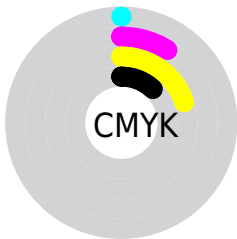
Blue (70%)



Red (84%)

Yellow (88%)

Blue (70%)

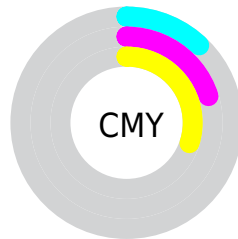


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 224, 179 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 215, 224, 179 by changing the saturation by 10% instead.

 215, 224, 179

255, 255, 255

 235, 255, 235

 215, 224, 179

 185, 196, 152


 158, 168, 126


 133, 142, 101

 107, 116, 77

 82, 91, 54

 57, 67, 33

 30, 44, 11

 21, 13, 0

 0, 0, 0

 215, 224, 179

 215, 224, 179

 211, 224, 157

 219, 224, 201

 206, 224, 134


 224, 224, 224

 202, 224, 112

 224, 231, 246

 197, 224, 89

 224, 236, 255


 193, 224, 67

 224, 239, 255

 190, 224, 45

 224, 240, 255

 184, 224, 22

 181, 224, 0

Harmonies

Analogous

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



234, 206, 186



215, 224, 179



180, 209, 180

Triad

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



215, 224, 179



170, 193, 215



220, 200, 226

Complementary

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



215, 224, 179



179, 193, 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.



203, 205, 234



215, 224, 179



173, 196, 228

Square

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



215, 224, 179



178, 201, 215



185, 202, 235



233, 198, 213

Rectangle

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



215, 224, 179



184, 212, 198



185, 202, 235



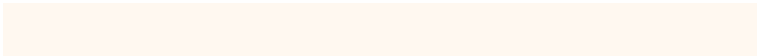
215, 202, 229

Sweetspot

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



215, 224, 179



253, 255, 240



224, 179, 199



126, 128, 119



0, 0, 0



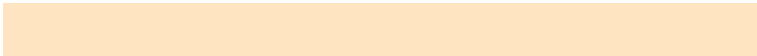
128, 128, 128

Same Dimension

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



215, 224, 179



242, 255, 194



179, 224, 181



110, 112, 101



140, 176, 0



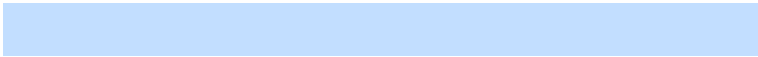
37, 48, 0

Inverse Universe

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



179, 193, 224



194, 213, 255



181, 179, 224



101, 104, 112



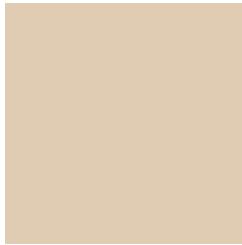
0, 54, 176



0, 15, 48

Previews

White Background



This preview shows how the RYB color 215, 224, 179 looks on a white background.

Color Contrast Check

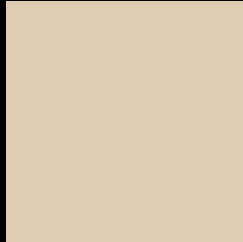
Large Text (above 18pt) WCAG AA × Fail

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 215, 224, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

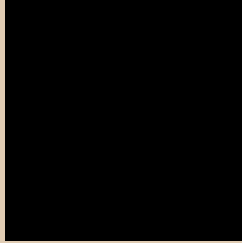
Any Text WCAG AA ✓ Pass

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 215, 224, 179 Background



This preview shows how black text looks on a background with the RYB color 215, 224, 179.

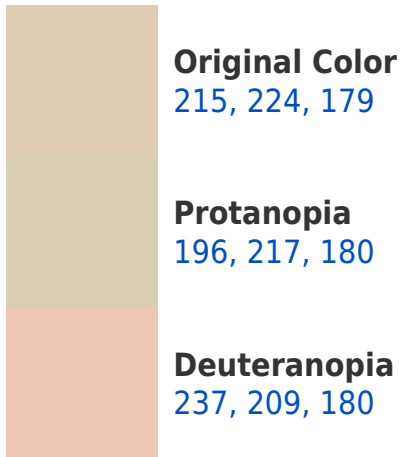



This preview shows how white text looks on a background with the RYB color 215, 224, 179.

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](#).

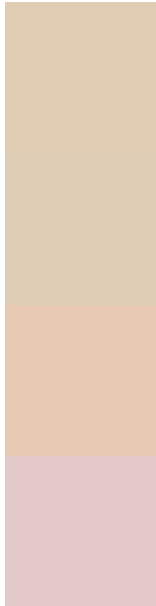
Dichromacy





Tritanopia
229, 199, 214

Trichromacy



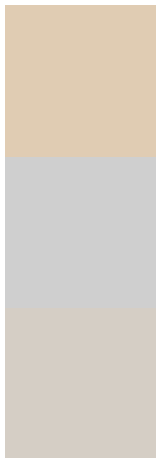
Original Color
215, 224, 179

Protanomaly
204, 220, 180

Deuteranomaly
232, 215, 180

Tritanomaly
227, 201, 201

Monochromacy



Original Color
215, 224, 179

Achromatopsia
207, 207, 207

Achromatomaly
209, 213, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 224, 179 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, 179) looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 179) }
```

Border

The CSS property to change the border of an element to RYB 215, 224, 179 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, 179) }
```

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

```
.border{ border-color:rgb(224, 204, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 179);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 215, 224, 179 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, 179) }
```

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

```
.background{ background-color: rgb(224,  
204, 179) }
```

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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