

Converting Colors

`RYB(203, 234, 175)`

Have a look what the booklet for
RYB(203, 234, 175) contains.

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Color

R_YB(203, 234, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EAD7AF
RGB	234, 215, 175
RGB Percent	92%, 84%, 69%
CMY	0.0824, 0.1568, 0.3137
CMYK	0.00, 0.08, 0.25, 0.08
HSL	41°, 58%, 80%
HSV	41°, 25%, 92%
XYZ	65.9729, 69.1943, 50.4361
YIQ	216.1210, 24.1640, -8.4120

Conversions

Conversions Part 2

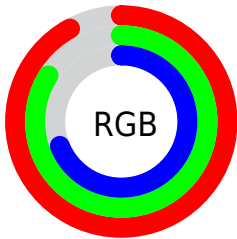
Format	Color
RYB	203, 234, 175
Decimal	15390639
CIELab	86.60, 0.46, 22.15
CIELCh	87, 22.154, 88.808
Yxy	69.1943, 0.3555, 0.3728
Android (android.graphics.Color)	4293580719 (0xFFEAD7AF)
YUV	216.1210, -20.2727, 15.6799
Hunter-Lab	83.1831, -4.0013, 22.2791

Details

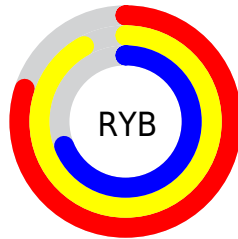
The RYB color **203, 234, 175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175, 189, 234**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **231, 255, 231**, and **149, 178, 122** is the 20% darker color. If you saturate the color by 10%, you get **192, 234, 152**, and if you desaturate by 10%, it is **214, 234, 198**.

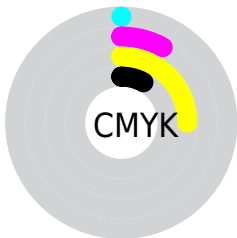
Distribution



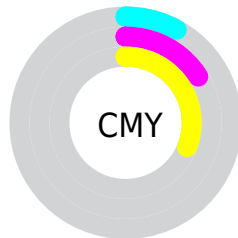
- Red (92%)
- Green (84%)
- Blue (69%)



- Red (80%)
- Yellow (92%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (25%)
- Black (8%)



- Cyan (8%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 234, 175 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 203, 234, 175 by changing the saturation by 10% instead.

 203, 234, 175

255, 255, 255


 231, 255, 231

 203, 234, 175

 176, 206, 148

 149, 178, 122


 122, 151, 97

 94, 124, 73

 70, 99, 50

 45, 74, 29

 19, 51, 5

 11, 28, 0

 0, 0, 0

■ 203, 234, 175

■ 203, 234, 175

■ 192, 234, 152

■ 214, 234, 198

■ 178, 234, 128

■ 228, 234, 222

■ 167, 234, 105

■ 234, 237, 245

■ 153, 234, 81

■ 234, 241, 255

■ 142, 234, 58

■ 234, 244, 255

■ 129, 234, 35

■ 234, 245, 255

■ 117, 234, 11

■ 110, 234, 0

Harmonies

Analogous

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



252, 223, 182



203, 234, 175



180, 222, 191

Triad

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



203, 234, 175



160, 196, 236



243, 205, 239

Complementary

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



203, 234, 175



175, 189, 234

Split Complementary

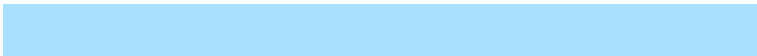
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220, 212, 253



203, 234, 175



169, 202, 252

Square

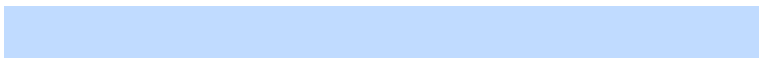
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203, 234, 175



168, 202, 229



192, 211, 255



255, 202, 218

Rectangle

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



203, 234, 175



189, 225, 219



192, 211, 255



236, 207, 245

Sweetspot

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



203, 234, 175



246, 255, 235



234, 175, 195



123, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



203, 234, 175



216, 255, 179



175, 234, 185



110, 117, 106



85, 181, 0



27, 54, 0

Inverse Universe

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



175, 189, 234



179, 197, 255



185, 175, 234



106, 108, 117



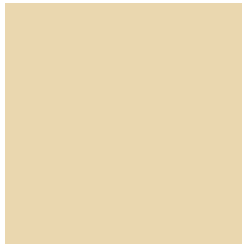
0, 44, 181



0, 13, 54

Previews

White Background



This preview shows how the RYB color 203, 234, 175 looks on a white background.

Color Contrast Check

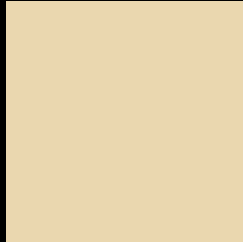
Large Text (above 18pt) WCAG AA × Fail

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 203, 234, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

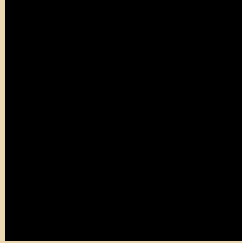
Any Text WCAG AA ✓ Pass

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 203, 234, 175 Background



This preview shows how black text looks on a background with the RYB color 203, 234, 175.

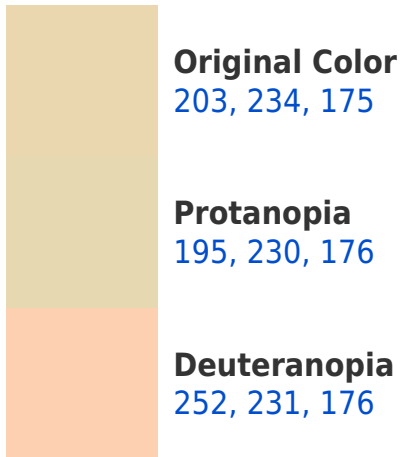


This preview shows how white text looks on a background with the RYB color 203, 234, 175.

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](#).

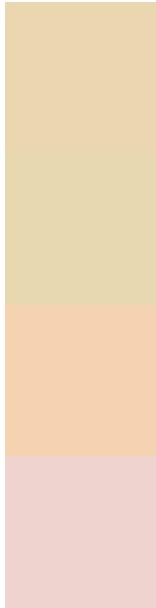
Dichromacy





Tritanopia
240, 208, 224

Trichromacy



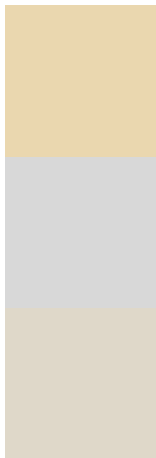
Original Color
203, 234, 175

Protanomaly
197, 231, 176

Deuteranomaly
243, 245, 176

Tritanomaly
238, 212, 206

Monochromacy



Original Color
203, 234, 175

Achromatopsia
216, 216, 216

Achromatomaly
211, 223, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 234, 175 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(234, 215, 175) looks like.

```
.text, #text, p{  
    color:rgb(234, 215, 175)  
}
```

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(234, 215, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 215, 175) }
```

Border

The CSS property to change the border of an element to RYB 203, 234, 175 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(234, 215, 175) }
```

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

```
.border{ border-color:rgb(234, 215, 175) }
```

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

Here you see how a box with a 4 pixel rgb(234, 215, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(234, 215,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 203, 234, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 215, 175) }
```

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

```
.background{ background-color: rgb(234,  
215, 175) }
```

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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