

Converting Colors

`RYB(211, 229, 202)`

Have a look what the booklet for
RYB(211, 229, 202) contains.

RYB(211, 229, 202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(211, 229, 202)

Conversions

Conversions Part 1

Format	Color
Hex	E5DECA
RGB	229, 222, 202
RGB Percent	90%, 87%, 79%
CMY	0.1020, 0.1284, 0.2078
CMYK	0.00, 0.03, 0.12, 0.10
HSL	45°, 34%, 85%
HSV	45°, 12%, 90%
XYZ	69.1615, 73.2977, 66.3798
YIQ	221.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

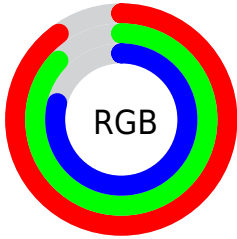
Format	Color
R _Y B	211, 229, 202
Decimal	15064778
CIE Lab	88.59, -1.09, 10.74
CIE LCh	89, 10.797, 95.814
Yxy	73.2977, 0.3312, 0.3510
Android (android.graphics.Color)	4293254858 (0xFFE5DECA)
YUV	221.8130, -9.7678, 6.3030
Hunter-Lab	85.6141, -5.6273, 13.9601

Details

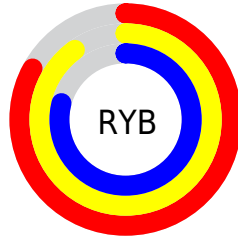
The RYB color **211, 229, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 208, 229**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **156, 173, 148** is the 20% darker color. If you saturate the color by 10%, you get **195, 229, 179**, and if you desaturate by 10%, it is **226, 229, 225**.

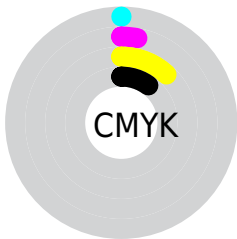
Distribution



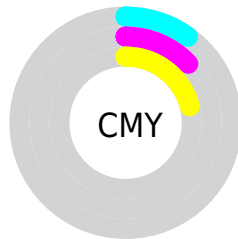
- Red (90%)
- Green (87%)
- Blue (79%)



- Red (83%)
- Yellow (90%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 229, 202 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 211, 229, 202 by changing the saturation by 10% instead.

■ 211, 229, 202

255, 255, 255

■ 211, 229, 202

■ 185, 201, 175

■ 156, 173, 148

■ 130, 147, 122

■ 105, 121, 97

■ 80, 96, 74

■ 58, 72, 51

■ 35, 49, 30

■ 10, 29, 5

■ 0, 0, 0

■ 211, 229, 202

■ 211, 229, 202

■ 195, 229, 179

■ 226, 229, 225

■ 180, 229, 156

■ 229, 233, 248

■ 165, 229, 133

■ 229, 236, 255

■ 150, 229, 110

■ 229, 239, 255

■ 133, 229, 87

■ 229, 241, 255

■ 120, 229, 65

■ 229, 242, 255

■ 105, 229, 42

■ 90, 229, 19

■ 76, 229, 0

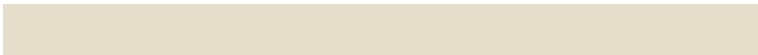
Harmonies

Analogous

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



239, 230, 204



211, 229, 202



206, 225, 214

Triad

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



211, 229, 202



197, 214, 234



238, 217, 231

Complementary

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



211, 229, 202



202, 208, 229

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, 219, 239



211, 229, 202



203, 217, 241

Square

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



211, 229, 202



199, 215, 229



214, 221, 243



244, 215, 221

Rectangle

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



211, 229, 202



209, 225, 227



214, 221, 243



235, 217, 234

Sweetspot

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



211, 229, 202



249, 255, 245



229, 202, 209



124, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



211, 229, 202



231, 255, 219



202, 229, 209



107, 115, 103



60, 179, 0



17, 51, 0

Inverse Universe

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



202, 208, 229



219, 226, 255



209, 202, 229



103, 105, 115



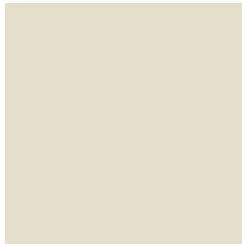
0, 36, 179



0, 10, 51

Previews

White Background



This preview shows how the RYB color 211, 229, 202 looks on a white background.

Color Contrast Check

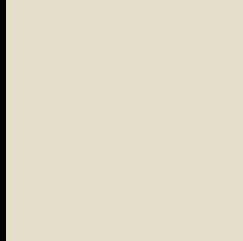
Large Text (above 18pt) WCAG AA × Fail

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 211, 229, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

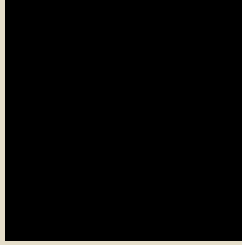
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

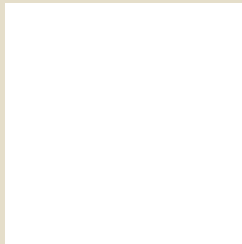
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 211, 229, 202 Background



This preview shows how black text looks on a background with the RYB color 211, 229, 202.

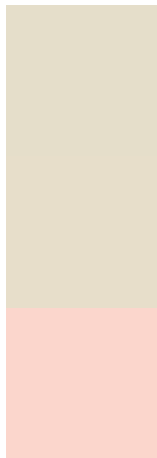


This preview shows how white text looks on a background with the RYB color 211, 229, 202.

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
[211, 229, 202](#)

Protanopia
[215, 231, 202](#)

Deuteranopia
[251, 217, 204](#)



Tritanopia
234, 217, 235

Trichromacy



Original Color

211, 229, 202

Protanomaly

213, 230, 202

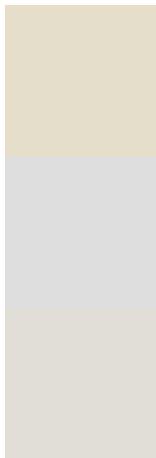
Deuteranomaly

243, 225, 203

Tritanomaly

232, 219, 223

Monochromacy



Original Color

211, 229, 202

Achromatopsia

222, 222, 222

Achromatomaly

219, 225, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 229, 202 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(229, 222, 202) looks like.

```
.text, #text, p{  
    color:rgb(229, 222, 202)  
}
```

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(229, 222, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 222, 202) }
```

Border

The CSS property to change the border of an element to RYB 211, 229, 202 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(229, 222, 202) }
```

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

```
.border{ border-color:rgb(229, 222, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 222, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 222, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 222, 202);  
box-shadow:4px 4px 4px 4px rgb(229, 222,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 211, 229, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 222, 202) }
```

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

```
.background{ background-color: rgb(229,  
222, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor