

Converting Colors

`RYB(207, 233, 161)`

Have a look what the booklet for
RYB(207, 233, 161) contains.

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Color

R_YB(207, 233, 161)

Conversions

Conversions Part 1

Format	Color
Hex	E9CDA1
RGB	233, 205, 161
RGB Percent	91%, 80%, 63%
CMY	0.0863, 0.1963, 0.3686
CMYK	0.00, 0.12, 0.31, 0.09
HSL	37°, 62%, 77%
HSV	37°, 31%, 91%
XYZ	61.8524, 63.5271, 42.7202
YIQ	208.3560, 30.8120, -7.7480

Conversions

Conversions Part 2

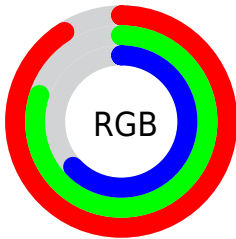
Format	Color
RYB	207, 233, 161
Decimal	15322529
CIELab	83.72, 3.46, 25.51
CIElCh	84, 25.748, 82.267
Yxy	63.5271, 0.3680, 0.3779
Android (android.graphics.Color)	4293512609 (0xFFE9CDA1)
YUV	208.3560, -23.3465, 21.6128
Hunter-Lab	79.7039, -0.9608, 24.0141

Details

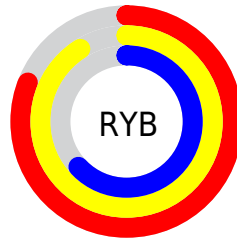
The RYB color **207, 233, 161** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **161, 181, 233**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **216, 255, 216**, and **149, 176, 109** is the 20% darker color. If you saturate the color by 10%, you get **199, 233, 138**, and if you desaturate by 10%, it is **215, 233, 184**.

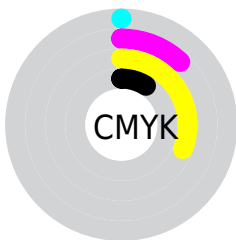
Distribution



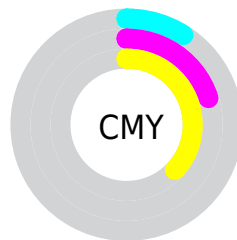
- Red (91%)
- Green (80%)
- Blue (63%)



- Red (81%)
- Yellow (91%)
- Blue (63%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 233, 161 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 207, 233, 161 by changing the saturation by 10% instead.

 207, 233, 161

255, 255, 255


 216, 255, 216

 245, 255, 245


 207, 233, 161

 177, 204, 135

 149, 176, 109

 123, 149, 85

 95, 122, 61

 71, 97, 38

 44, 72, 17

 26, 49, 0

 24, 17, 0

 0, 0, 0

 207, 233, 161


 207, 233, 161

 199, 233, 138


 215, 233, 184

 189, 233, 114


 225, 233, 208

 181, 233, 91

 233, 233, 231

 173, 233, 68

 233, 239, 254

 163, 233, 44

 233, 243, 255

 157, 233, 21

 233, 244, 255

 149, 233, 0

Harmonies

Analogous

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



251, 210, 171



207, 233, 161



164, 213, 169

Triad

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



207, 233, 161



141, 182, 226



234, 197, 239

Complementary

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



207, 233, 161



161, 181, 233

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.



205, 205, 253



207, 233, 161



147, 189, 246

Square

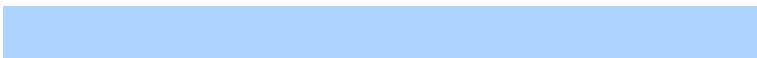
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



207, 233, 161



155, 195, 222



172, 199, 255



253, 192, 216

Rectangle

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



207, 233, 161



172, 217, 200



172, 199, 255



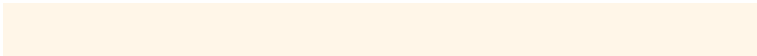
225, 199, 245

Sweetspot

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



207, 233, 161



247, 255, 232



233, 161, 190



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



207, 233, 161



222, 255, 161



161, 233, 168



112, 117, 106



117, 181, 0



34, 54, 0

Inverse Universe

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



161, 181, 233



161, 187, 255



168, 161, 233



106, 109, 117



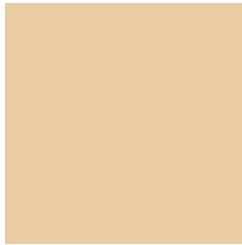
0, 51, 181



0, 15, 54

Previews

White Background



This preview shows how the RYB color 207, 233, 161 looks on a white background.

Color Contrast Check

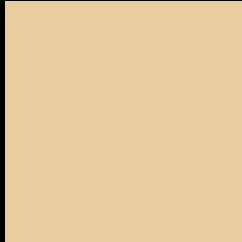
Large Text (above 18pt) WCAG AA × Fail

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 207, 233, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

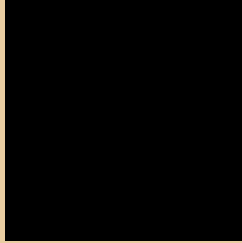
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

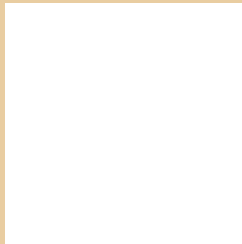
Any Text WCAG AAA ✓ Pass

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

RYB 207, 233, 161 Background



This preview shows how black text looks on a background with the RYB color 207, 233, 161.

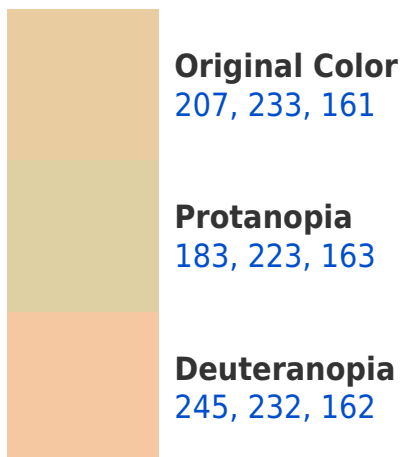



This preview shows how white text looks on a background with the RYB color 207, 233, 161.

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](#).

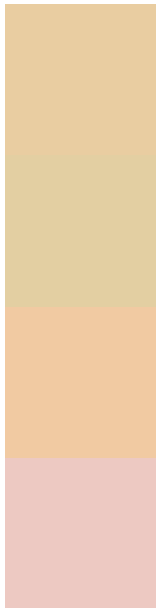
Dichromacy





Tritanopia
239, 198, 213

Trichromacy



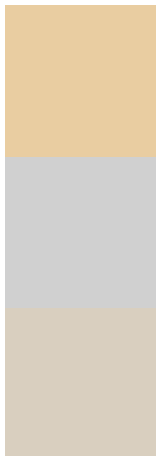
Original Color
207, 233, 161

Protanomaly
191, 227, 162

Deuteranomaly
239, 241, 162

Tritanomaly
237, 202, 194

Monochromacy



Original Color
207, 233, 161

Achromatopsia
208, 208, 208

Achromatomaly
207, 217, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 233, 161 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(233, 205, 161)` looks like.

```
.text, #text, p{  
    color:rgb(233, 205, 161)  
}
```

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(233, 205, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 205, 161) }
```

Border

The CSS property to change the border of an element to RYB 207, 233, 161 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(233, 205, 161) }
```

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

```
.border{ border-color:rgb(233, 205, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 205, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 205, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 205, 161);  
box-shadow:4px 4px 4px 4px rgb(233, 205,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 207, 233, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 205, 161) }
```

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

```
.background{ background-color: rgb(233,  
205, 161) }
```

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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