

Converting Colors

`RYB(197, 233, 161)`

Have a look what the booklet for
RYB(197, 233, 161) contains.

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Color

R_YB(197, 233, 161)

Conversions

Conversions Part 1

Format	Color
Hex	E9D1A1
RGB	233, 209, 161
RGB Percent	91%, 82%, 63%
CMY	0.0863, 0.1804, 0.3686
CMYK	0.00, 0.10, 0.31, 0.09
HSL	40°, 62%, 77%
HSV	40°, 31%, 91%
XYZ	62.8378, 65.4978, 43.0486
YIQ	210.7040, 29.7120, -9.8400

Conversions

Conversions Part 2

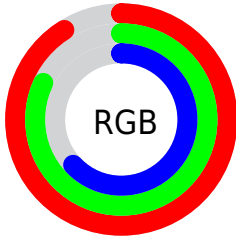
Format	Color
RYB	197, 233, 161
Decimal	15323553
CIELab	84.74, 1.35, 26.90
CIELCh	85, 26.933, 87.119
Yxy	65.4978, 0.3666, 0.3822
Android (android.graphics.Color)	4293513633 (0xFFE9D1A1)
YUV	210.7040, -24.5041, 19.5536
Hunter-Lab	80.9307, -3.0343, 25.1140

Details

The RYB color **197, 233, 161** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161, 179, 233**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **216, 255, 216**, and **140, 176, 109** is the 20% darker color. If you saturate the color by 10%, you get **186, 233, 138**, and if you desaturate by 10%, it is **208, 233, 184**.

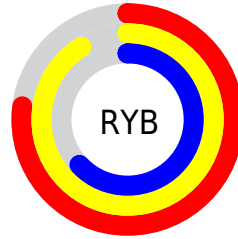
Distribution



Red (91%)

Green (82%)

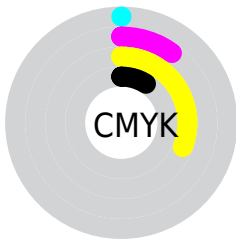
Blue (63%)



Red (77%)

Yellow (91%)

Blue (63%)

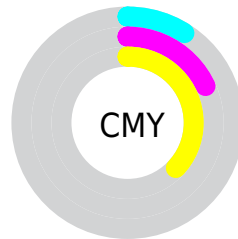


Cyan (0%)

Magenta (10%)

Yellow (31%)

Black (9%)



Cyan (9%)

Magenta (18%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 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 197, 233, 161 by changing the saturation by 10% instead.

 197, 233, 161


255, 255, 255


 216, 255, 216

 245, 255, 245

 197, 233, 161


 170, 204, 135


 140, 176, 109

 113, 149, 84

 88, 123, 61

 62, 97, 38

 36, 72, 16

 18, 49, 0

 14, 24, 0

 0, 0, 0

■ 197, 233, 161

■ 197, 233, 161

■ 186, 233, 138

■ 208, 233, 184

■ 174, 233, 114

■ 220, 233, 208

■ 161, 233, 91

■ 233, 233, 231

■ 151, 233, 68

■ 233, 238, 254

■ 139, 233, 44

■ 233, 242, 255

■ 128, 233, 21

■ 233, 244, 255

■ 117, 233, 0

Harmonies

Analogous

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



254, 219, 170



197, 233, 161



166, 217, 177

Triad

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



197, 233, 161



139, 184, 234



242, 198, 240

Complementary

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



197, 233, 161



161, 179, 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.



213, 206, 255



197, 233, 161



149, 192, 253

Square

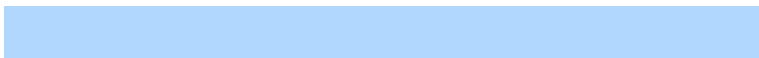
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197, 233, 161



151, 194, 226



178, 203, 255



255, 194, 215

Rectangle

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



197, 233, 161



176, 221, 211



178, 203, 255



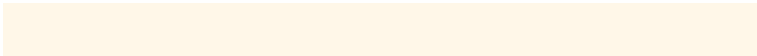
233, 200, 246

Sweetspot

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



197, 233, 161



244, 255, 232



233, 161, 185



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



197, 233, 161



207, 255, 161



161, 233, 173



112, 117, 106



90, 181, 0



27, 54, 0

Inverse Universe

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



161, 179, 233



161, 184, 255



173, 161, 233



106, 108, 117



0, 45, 181



0, 14, 54

Previews

White Background



This preview shows how the RYB color 197, 233, 161 looks on a white background.

Color Contrast Check

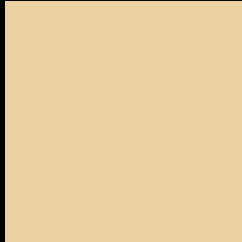
Large Text (above 18pt) WCAG AA × Fail

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 197, 233, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

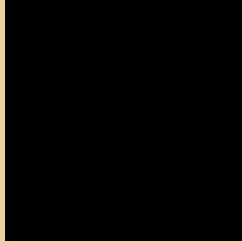
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

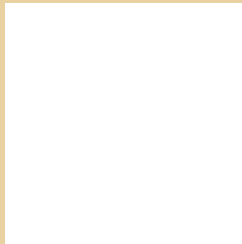
Any Text WCAG AAA ✓ Pass

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

RYB 197, 233, 161 Background



This preview shows how black text looks on a background with the RYB color 197, 233, 161.



This preview shows how white text looks on a background with the RYB color 197, 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



Original Color
197, 233, 161

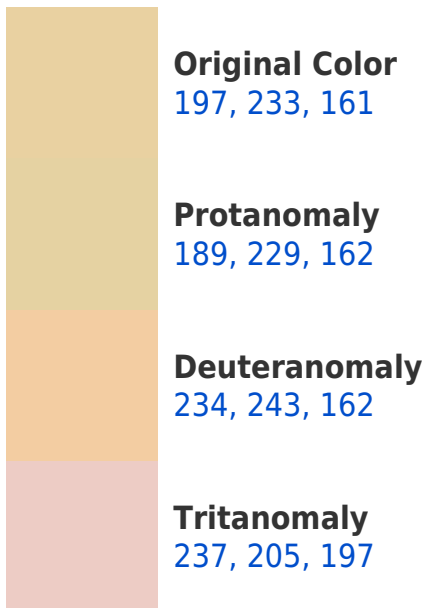
Protanopia
182, 226, 162

Deuteranopia
249, 240, 162



Tritanopia
239, 201, 217

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 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, 209, 161) looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 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, 209, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 161) }
```

Border

The CSS property to change the border of an element to RYB 197, 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, 209, 161) }
```

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

```
.border{ border-color:rgb(233, 209, 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, 209, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 209, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 209, 161); box-shadow:4px 4px 4px 4px rgb(233, 209, 161) }
```

Background

The CSS property to change the background color of an element to RYB 197, 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, 209, 161) }
```

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

```
.background{ background-color: rgb(233,  
209, 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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