

Converting Colors

RGB(234, 204, 161)

Have a look what the booklet for
RGB(234, 204, 161) contains.

RGB(234, 204, 161)	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

RGB(234, 204, 161)

Conversions

Conversions Part 1

Format	Color
Hex	EACCA1
RGB	234, 204, 161
RGB Percent	92%, 80%, 63%
CMY	0.0824, 0.2000, 0.3686
CMYK	0.00, 0.13, 0.31, 0.08
HSL	35°, 63%, 77%
HSV	35°, 31%, 92%
XYZ	61.9576, 63.2514, 42.6614
YIQ	208.0680, 31.6830, -7.0130

Conversions

Conversions Part 2

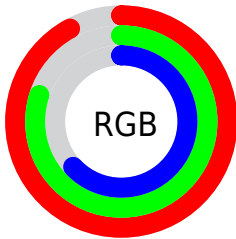
Format	Color
R _Y B	212, 234, 161
Decimal	15387809
CIE Lab	83.57, 4.33, 25.33
CIE LCh	84, 25.699, 80.294
Yxy	63.2514, 0.3691, 0.3768
Android (android.graphics.Color)	4293577889 (0xFFEACCA1)
YUV	208.0680, -23.2045, 22.7424
Hunter-Lab	79.5307, -0.1202, 23.8675

Details

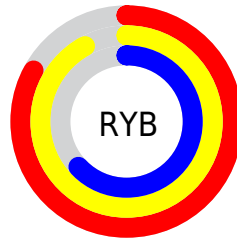
The RGB color **234, 204, 161** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **161, 191, 234**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 255, 216**, and **177, 150, 109** is the 20% darker color. If you saturate the color by 10%, you get **234, 194, 138**, and if you desaturate by 10%, it is **234, 214, 184**.

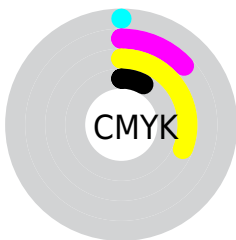
Distribution



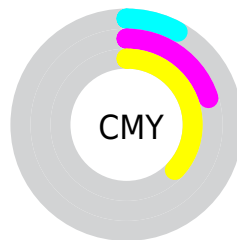
- Red (92%)
- Green (80%)
- Blue (63%)



- Red (83%)
- Yellow (92%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 204, 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 RGB color 234, 204, 161 by changing the saturation by 10% instead.

 234, 204, 161

 234, 204, 161

255, 255, 255

 205, 177, 135

 255, 255, 216

 177, 150, 109

 255, 255, 245

 150, 124, 85

 123, 99, 61

 97, 75, 38

 72, 53, 17


 49, 32, 0

 25, 9, 0


 0, 0, 0

 234, 204, 161

 234, 204, 161

 234, 194, 138

 234, 214, 184

 234, 185, 114

 234, 223, 208

 234, 175, 91

 234, 233, 231

 234, 166, 67

 234, 242, 255

 234, 156, 44

 234, 252, 255

 234, 146, 21

 234, 255, 255

 234, 138, 0

Harmonies

Analogous

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



252, 196, 172



234, 204, 161



209, 212, 163

Triad

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



234, 204, 161



141, 222, 224



232, 197, 239

Complementary

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



234, 204, 161



161, 191, 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.



202, 205, 253



234, 204, 161



145, 219, 245

Square

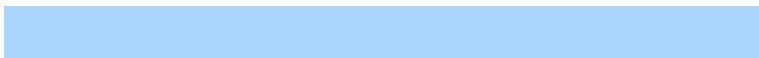
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 204, 161



156, 222, 199



169, 213, 255



252, 192, 217

Rectangle

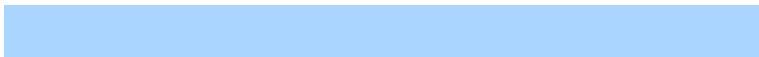
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234, 204, 161



191, 216, 171



169, 213, 255



223, 199, 245

Sweetspot

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



234, 204, 161



255, 246, 232



234, 161, 191



128, 122, 113



0, 0, 0



128, 128, 128

Same Dimension

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



234, 204, 161



255, 216, 161



228, 234, 161



117, 112, 106



181, 107, 0



54, 32, 0

Inverse Universe

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



161, 191, 234



161, 199, 255



167, 161, 234



106, 110, 117



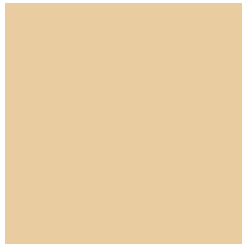
0, 74, 181



0, 22, 54

Previews

White Background



This preview shows how the RGB color 234, 204, 161 looks on a white background.

Color Contrast Check

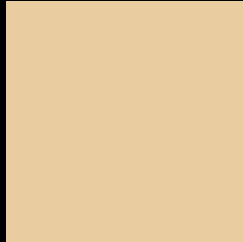
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 234, 204, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

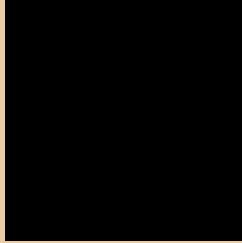
Any Text WCAG AA ✓ Pass

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](#).

RGB 234, 204, 161 Background



This preview shows how black text looks on a background with the RGB color 234, 204, 161.






This preview shows how white text looks on a background with the RGB color 234, 204, 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](#).

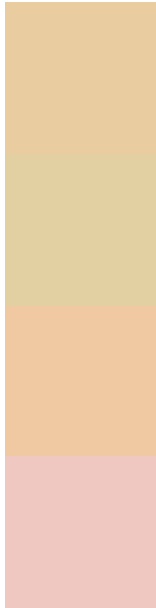
Dichromacy

	Original Color 234, 204, 161
	Protanopia 222, 208, 163
	Deuteranopia 244, 200, 162



Tritanopia
240, 197, 212

Trichromacy



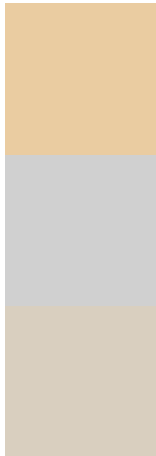
Original Color
234, 204, 161

Protanomaly
226, 207, 162

Deuteranomaly
240, 201, 162

Tritanomaly
238, 200, 193

Monochromacy



Original Color
234, 204, 161

Achromatopsia
208, 208, 208

Achromatomaly
217, 207, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 204, 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(234, 204, 161) looks like.

```
.text, #text, p{  
    color:rgb(234, 204, 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(234, 204, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 204, 161) }
```

Border

The CSS property to change the border of an element to RGB 234, 204, 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(234, 204, 161) }
```

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

```
.border{ border-color:rgb(234, 204, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 204, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 204, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 204, 161);  
box-shadow:4px 4px 4px 4px rgb(234, 204,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 234, 204, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 204, 161) }
```

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

```
.background{ background-color: rgb(234,  
204, 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](#).

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