

Converting Colors

RGB(234, 217, 171)

Have a look what the booklet for
RGB(234, 217, 171) contains.

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Color

RGB(234, 217, 171)

Conversions

Conversions Part 1

Format	Color
Hex	EAD9AB
RGB	234, 217, 171
RGB Percent	92%, 85%, 67%
CMY	0.0824, 0.1490, 0.3294
CMYK	0.00, 0.07, 0.27, 0.08
HSL	44°, 60%, 79%
HSV	44°, 27%, 92%
XYZ	66.0952, 70.0584, 48.5671
YIQ	216.8390, 24.8980, -10.7020

Conversions

Conversions Part 2

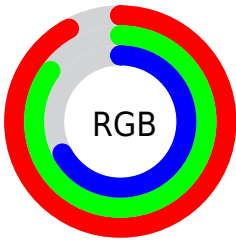
Format	Color
RYB	194, 234, 171
Decimal	15391147
CIELab	87.03, -1.10, 24.82
CIELCh	87, 24.843, 92.536
Yxy	70.0584, 0.3578, 0.3793
Android (android.graphics.Color)	4293581227 (0xFFEAD9AB)
YUV	216.8390, -22.5986, 15.0502
Hunter-Lab	83.7009, -5.5223, 24.1878

Details

The RGB color **234, 217, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 188, 234**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 227**, and **178, 162, 118** is the 20% darker color. If you saturate the color by 10%, you get **234, 211, 148**, and if you desaturate by 10%, it is **234, 223, 194**.

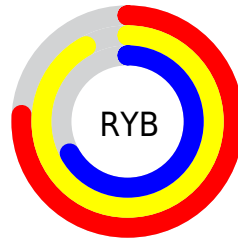
Distribution



Red (92%)

Green (85%)

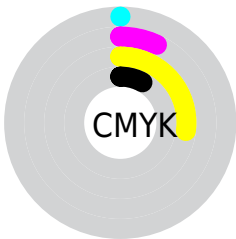
Blue (67%)



Red (76%)

Yellow (92%)

Blue (67%)

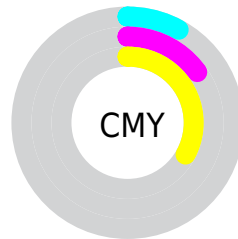


Cyan (0%)

Magenta (7%)

Yellow (27%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 217, 171 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, 217, 171 by changing the saturation by 10% instead.

■ 234, 217, 171

255, 255, 255

■ 255, 255, 227

■ 234, 217, 171

■ 205, 189, 144

■ 178, 162, 118

■ 150, 136, 94

■ 124, 111, 70

■ 98, 86, 47

■ 74, 63, 25

■ 50, 41, 0

■ 27, 21, 0

■ 0, 0, 0

 234, 217, 171

 234, 217, 171

 234, 211, 148

 234, 223, 194

 234, 204, 124

 234, 230, 218

 234, 198, 101

 234, 236, 241

 234, 192, 77

 234, 242, 255

 234, 185, 54

 234, 249, 255

 234, 179, 31

 234, 255, 255

 234, 173, 7

 234, 255, 255

 234, 171, 0

Harmonies

Analogous

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



255, 209, 177



234, 217, 171



208, 224, 178

Triad

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



234, 217, 171



153, 231, 242



250, 204, 240

Complementary

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



234, 217, 171



171, 188, 234

Split Complementary

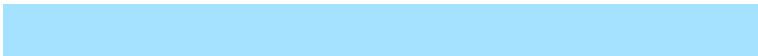
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 211, 255



234, 217, 171



165, 226, 255

Square

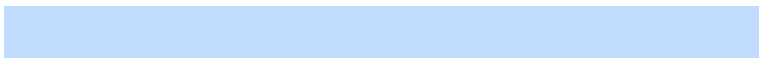
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 217, 171



160, 232, 219



193, 219, 255



255, 201, 217

Rectangle

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



234, 217, 171



190, 228, 189



193, 219, 255



243, 206, 247

Sweetspot

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



234, 217, 171



255, 249, 235



234, 171, 189



128, 124, 115



0, 0, 0



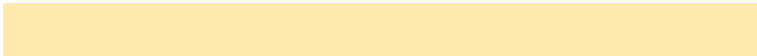
128, 128, 128

Same Dimension

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



234, 217, 171



255, 233, 173



220, 234, 171



117, 114, 106



181, 132, 0



54, 39, 0

Inverse Universe

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



171, 188, 234



173, 195, 255



185, 171, 234



106, 109, 117



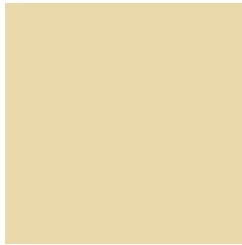
0, 49, 181



0, 14, 54

Previews

White Background



This preview shows how the RGB color 234, 217, 171 looks on a white background.

Color Contrast Check

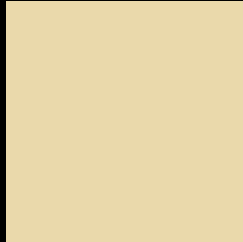
Large Text (above 18pt) WCAG AA × Fail

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, 217, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

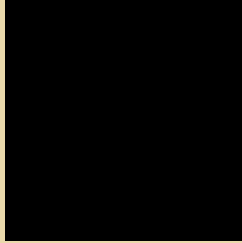
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

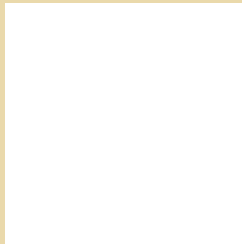
Any Text WCAG AAA ✓ Pass

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

RGB 234, 217, 171 Background



This preview shows how black text looks on a background with the RGB color 234, 217, 171.

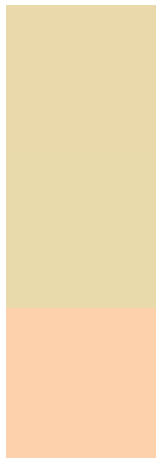


This preview shows how white text looks on a background with the RGB color 234, 217, 171.

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, 217, 171

Protanopia
232, 218, 171

Deuteranopia
254, 209, 173



Tritanopia
241, 210, 226

Trichromacy



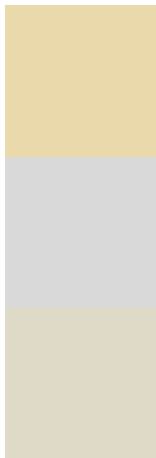
Original Color
234, 217, 171

Protanomaly
233, 218, 171

Deuteranomaly
247, 212, 172

Tritanomaly
238, 213, 206

Monochromacy



Original Color
234, 217, 171

Achromatopsia
217, 217, 217

Achromatomaly
223, 217, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 217, 171 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, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(234, 217, 171)  
}
```

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, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 217, 171) }
```

Border

The CSS property to change the border of an element to RGB 234, 217, 171 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, 217, 171) }
```

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

```
.border{ border-color:rgb(234, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(234, 217,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 234, 217, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 217, 171) }
```

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

```
.background{ background-color: rgb(234,  
217, 171) }
```

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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