

Converting Colors

RGB(234, 214, 175)

Have a look what the booklet for
RGB(234, 214, 175) contains.

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Color

RGB(234, 214, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EAD6AF
RGB	234, 214, 175
RGB Percent	92%, 84%, 69%
CMY	0.0824, 0.1608, 0.3137
CMYK	0.00, 0.09, 0.25, 0.08
HSL	40°, 58%, 80%
HSV	40°, 25%, 92%
XYZ	65.7161, 68.6807, 50.3505
YIQ	215.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

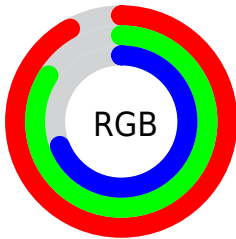
Format	Color
RYB	205, 234, 175
Decimal	15390383
CIELab	86.35, 0.98, 21.80
CIELCh	86, 21.820, 87.419
Yxy	68.6807, 0.3557, 0.3718
Android (android.graphics.Color)	4293580463 (0xFFEAD6AF)
YUV	215.5340, -19.9833, 16.1947
Hunter-Lab	82.8738, -3.4848, 21.9897

Details

The RGB color **234, 214, 175** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **175, 195, 234**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 231**, and **178, 159, 122** is the 20% darker color. If you saturate the color by 10%, you get **234, 206, 152**, and if you desaturate by 10%, it is **234, 222, 198**.

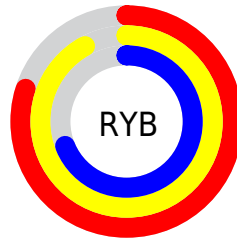
Distribution



Red (92%)

Green (84%)

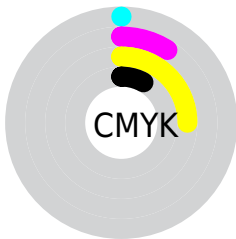
Blue (69%)



Red (80%)

Yellow (92%)

Blue (69%)

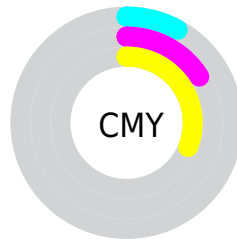


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 214, 175 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, 214, 175 by changing the saturation by 10% instead.

 234, 214, 175


255, 255, 255


 255, 255, 231

 234, 214, 175

 206, 186, 148


 178, 159, 122

 151, 133, 97

 124, 108, 73

 99, 84, 50

 74, 61, 29

 51, 39, 5

 28, 19, 0

 0, 0, 0

 234, 214, 175

 234, 214, 175

 234, 206, 152

 234, 222, 198

 234, 198, 128

 234, 230, 222

 234, 190, 105

 234, 238, 245

 234, 182, 81

 234, 246, 255

 234, 174, 58

 234, 254, 255

 234, 166, 35

 234, 255, 255

 234, 158, 11

 234, 155, 0

Harmonies

Analogous

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



251, 207, 182



234, 214, 175



212, 221, 179

Triad

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



234, 214, 175



160, 228, 234



241, 205, 239

Complementary

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



234, 214, 175



175, 195, 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.



218, 211, 253



234, 214, 175



168, 224, 250

Square

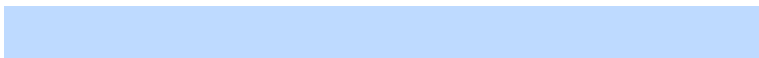
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 214, 175



169, 228, 213



190, 218, 255



255, 202, 219

Rectangle

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



234, 214, 175



196, 224, 188



190, 218, 255



234, 207, 244

Sweetspot

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



234, 214, 175



255, 248, 235



234, 175, 196



128, 123, 115



0, 0, 0



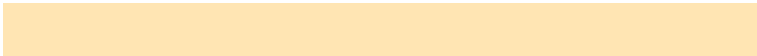
128, 128, 128

Same Dimension

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



234, 214, 175



255, 229, 179



225, 234, 175



117, 113, 106



181, 120, 0



54, 35, 0

Inverse Universe

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



175, 195, 234



179, 204, 255



184, 175, 234



106, 110, 117



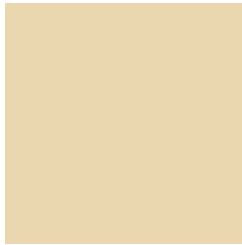
0, 61, 181



0, 18, 54

Previews

White Background



This preview shows how the RGB color 234, 214, 175 looks on a white background.

Color Contrast Check

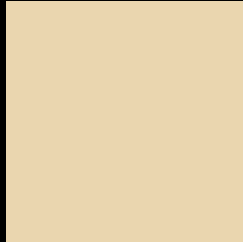
Large Text (above 18pt) WCAG AA × Fail

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, 214, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

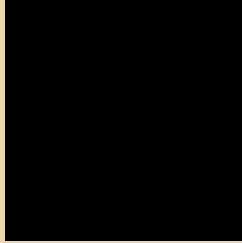
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

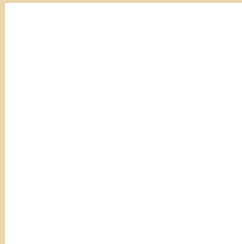
Any Text WCAG AAA ✓ Pass

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

RGB 234, 214, 175 Background



This preview shows how black text looks on a background with the RGB color 234, 214, 175.



This preview shows how white text looks on a background with the RGB color 234, 214, 175.

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, 214, 175

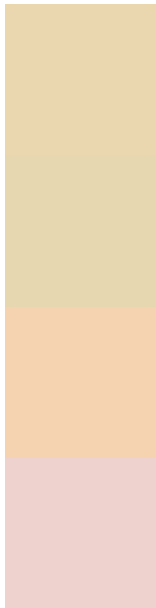
Protanopia
229, 216, 176

Deuteranopia
251, 208, 176



Tritanopia
240, 207, 223

Trichromacy



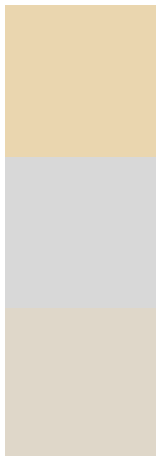
Original Color
234, 214, 175

Protanomaly
231, 215, 176

Deuteranomaly
245, 210, 176

Tritanomaly
238, 210, 206

Monochromacy



Original Color
234, 214, 175

Achromatopsia
216, 216, 216

Achromatomaly
223, 215, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 214, 175 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, 214, 175) looks like.

```
.text, #text, p{  
    color:rgb(234, 214, 175)  
}
```

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, 214, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 214, 175) }
```

Border

The CSS property to change the border of an element to RGB 234, 214, 175 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, 214, 175) }
```

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

```
.border{ border-color:rgb(234, 214, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 214, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 214, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 214, 175);  
box-shadow:4px 4px 4px 4px rgb(234, 214,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 234, 214, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 214, 175) }
```

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

```
.background{ background-color: rgb(234,  
214, 175) }
```

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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