

Converting Colors

RGB(231, 222, 171)

Have a look what the booklet for
RGB(231, 222, 171) contains.

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Color

RGB(231, 222, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E7DEAB
RGB	231, 222, 171
RGB Percent	91%, 87%, 67%
CMY	0.0941, 0.1294, 0.3294
CMYK	0.00, 0.04, 0.26, 0.09
HSL	51°, 56%, 79%
HSV	51°, 26%, 91%
XYZ	66.4270, 72.1718, 48.9575
YIQ	218.8770, 21.7350, -13.9530

Conversions

Conversions Part 2

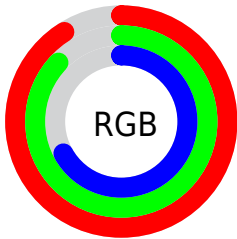
Format	Color
RYB	182, 231, 171
Decimal	15195819
CIELab	88.05, -4.78, 26.18
CIELCh	88, 26.611, 100.349
Yxy	72.1718, 0.3542, 0.3848
Android (android.graphics.Color)	4293385899 (0xFFE7DEAB)
YUV	218.8770, -23.6034, 10.6319
Hunter-Lab	84.9540, -9.0972, 25.2999

Details

The RGB color **231, 222, 171** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **171, 180, 231**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 227**, and **175, 167, 118** is the 20% darker color. If you saturate the color by 10%, you get **231, 219, 148**, and if you desaturate by 10%, it is **231, 225, 194**.

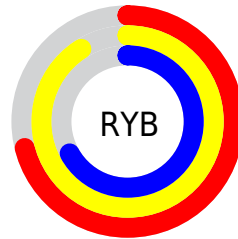
Distribution



Red (91%)

Green (87%)

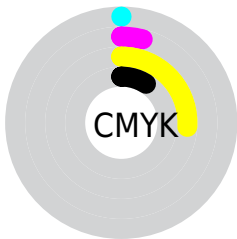
Blue (67%)



Red (71%)

Yellow (91%)

Blue (67%)

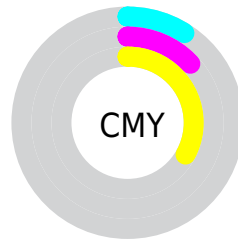


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 222, 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 231, 222, 171 by changing the saturation by 10% instead.

 231, 222, 171


255, 255, 255


 255, 255, 227

 231, 222, 171

 203, 194, 144

 175, 167, 118

 148, 141, 93

 121, 115, 69

 96, 91, 46

 71, 67, 24


 48, 45, 0


 25, 25, 0

 0, 0, 0

 231, 222, 171

 231, 222, 171


 231, 219, 148


 231, 225, 194


 231, 215, 125


 231, 229, 217


 231, 212, 102


 231, 232, 240

 231, 208, 79


 231, 236, 255


 231, 205, 55

 231, 239, 255


 231, 201, 32


 231, 243, 255

 231, 198, 9

 231, 246, 255

 231, 196, 0

 231, 250, 255

 231, 253, 255

Harmonies

Analogous

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



255, 214, 174



231, 222, 171



202, 229, 182

Triad

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



231, 222, 171



151, 233, 253



255, 205, 238

Complementary

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



231, 222, 171



171, 180, 231

Split Complementary

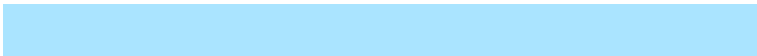
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 211, 255



231, 222, 171



170, 228, 255

Square

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



231, 222, 171



154, 235, 229



203, 220, 255



255, 203, 213

Rectangle

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



231, 222, 171



183, 233, 195



203, 220, 255



254, 207, 246

Sweetspot

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



231, 222, 171



255, 252, 235



231, 171, 180



128, 126, 115



0, 0, 0



128, 128, 128

Same Dimension

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



231, 222, 171



255, 243, 176



210, 231, 171



115, 113, 103



179, 152, 0



51, 43, 0

Inverse Universe

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



171, 180, 231



176, 188, 255



192, 171, 231



103, 105, 115



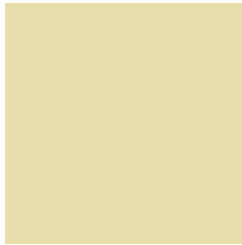
0, 27, 179



0, 8, 51

Previews

White Background



This preview shows how the RGB color 231, 222, 171 looks on a white background.

Color Contrast Check

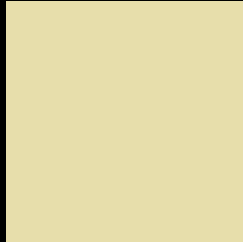
Large Text (above 18pt) WCAG AA × Fail

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 231, 222, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

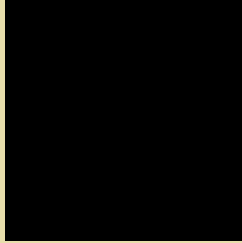
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

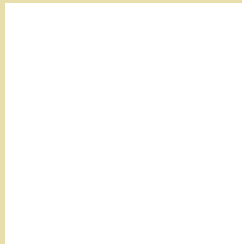
Any Text WCAG AAA ✓ Pass

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

RGB 231, 222, 171 Background



This preview shows how black text looks on a background with the RGB color 231, 222, 171.



This preview shows how white text looks on a background with the RGB color 231, 222, 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
231, 222, 171

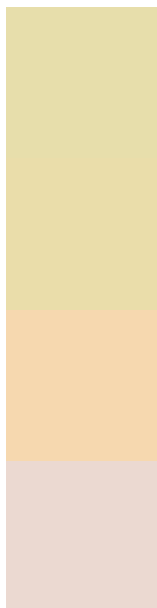
Protanopia
236, 220, 170

Deuteranopia
255, 213, 178



Tritanopia
238, 214, 231

Trichromacy



Original Color

231, 222, 171

Protanomaly

234, 221, 170

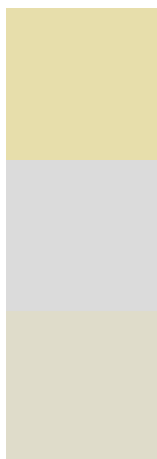
Deuteranomaly

246, 216, 175

Tritanomaly

235, 217, 209

Monochromacy



Original Color

231, 222, 171

Achromatopsia

219, 219, 219

Achromatomaly

223, 220, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 222, 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(231, 222, 171)` looks like.

```
.text, #text, p{  
    color:rgb(231, 222, 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(231, 222, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 222, 171) }
```

Border

The CSS property to change the border of an element to RGB 231, 222, 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(231, 222, 171) }
```

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

```
.border{ border-color:rgb(231, 222, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 222, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 222, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 222, 171);  
box-shadow:4px 4px 4px 4px rgb(231, 222,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 231, 222, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 222, 171) }
```

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

```
.background{ background-color: rgb(231,  
222, 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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