

Converting Colors

RGB(231, 227, 209)

Have a look what the booklet for
RGB(231, 227, 209) contains.

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Color

RGB(231, 227, 209)

Conversions

Conversions Part 1

Format	Color
Hex	E7E3D1
RGB	231, 227, 209
RGB Percent	91%, 89%, 82%
CMY	0.0941, 0.1098, 0.1804
CMYK	0.00, 0.02, 0.10, 0.09
HSL	49°, 31%, 86%
HSV	49°, 10%, 91%
XYZ	71.9327, 76.5305, 71.3022
YIQ	226.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

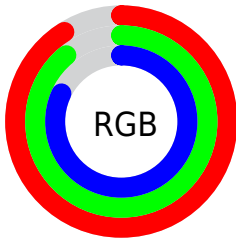
Format	Color
RYB	214, 231, 209
Decimal	15197137
CIELab	90.11, -1.70, 9.26
CIElCh	90, 9.416, 100.390
Yxy	76.5305, 0.3273, 0.3482
Android (android.graphics.Color)	4293387217 (0xFFE7E3D1)
YUV	226.1440, -8.4520, 4.2587
Hunter-Lab	87.4817, -6.3197, 12.9128

Details

The RGB color **231, 227, 209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 213, 231**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 172, 155** is the 20% darker color. If you saturate the color by 10%, you get **231, 223, 186**, and if you desaturate by 10%, it is **231, 231, 232**.

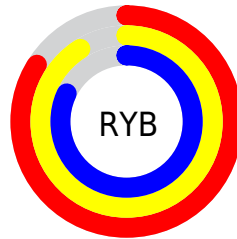
Distribution



Red (91%)

Green (89%)

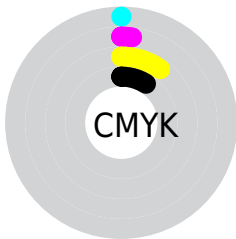
Blue (82%)



Red (84%)

Yellow (91%)

Blue (82%)

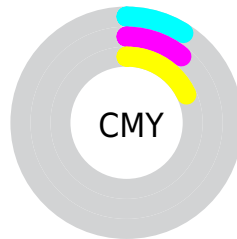


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 227, 209 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, 227, 209 by changing the saturation by 10% instead.

■ 231, 227, 209

255, 255, 255

■ 231, 227, 209

■ 203, 199, 181

■ 175, 172, 155

■ 149, 145, 129

■ 123, 120, 104

■ 98, 95, 79

■ 74, 71, 57


■ 51, 49, 35


■ 30, 28, 14

■ 0, 1, 0

 231, 227, 209

 231, 227, 209

 231, 223, 186

 231, 231, 232

 231, 219, 163


 231, 235, 255


 231, 214, 140


 231, 240, 255

 231, 210, 117


 231, 244, 255


 231, 206, 94


 231, 248, 255


 231, 202, 70

 231, 252, 255

 231, 198, 47

 231, 255, 255

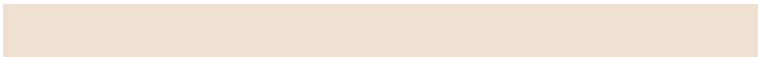
 231, 193, 24

 231, 189, 1

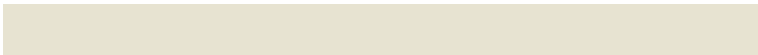
Harmonies

Analogous

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



240, 224, 210



231, 227, 209



220, 230, 213

Triad

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



231, 227, 209



205, 231, 238



241, 221, 233

Complementary

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



231, 227, 209



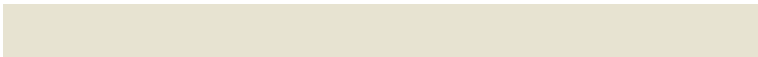
209, 213, 231

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.



232, 223, 240



231, 227, 209



211, 229, 243

Square

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



231, 227, 209



205, 232, 230



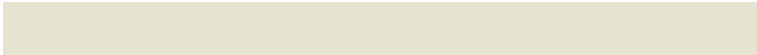
221, 226, 244



246, 221, 224

Rectangle

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



231, 227, 209



214, 231, 218



221, 226, 244



239, 222, 236

Sweetspot

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



231, 227, 209



255, 254, 247



231, 209, 213



128, 127, 122



0, 0, 0



128, 128, 128

Same Dimension

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



231, 227, 209



255, 250, 227



224, 231, 209



115, 113, 103



179, 146, 0



51, 42, 0

Inverse Universe

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



209, 213, 231



227, 232, 255



216, 209, 231



103, 105, 115



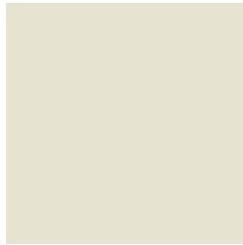
0, 32, 179



0, 9, 51

Previews

White Background



This preview shows how the RGB color 231, 227, 209 looks on a white background.

Color Contrast Check

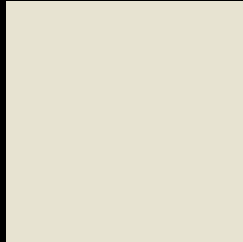
Large Text (above 18pt) WCAG AA × Fail

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, 227, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

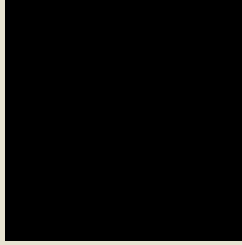
Any Text WCAG AA ✓ Pass

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, 227, 209 Background



This preview shows how black text looks on a background with the RGB color 231, 227, 209.

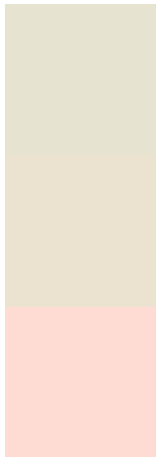


This preview shows how white text looks on a background with the RGB color 231, 227, 209.

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, 227, 209

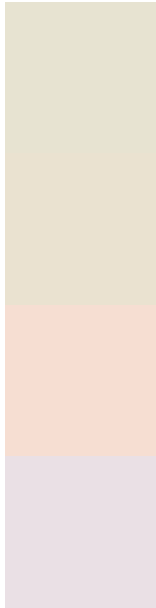
Protanopia
235, 226, 208

Deuteranopia
254, 219, 211



Tritanopia
235, 222, 240

Trichromacy



Original Color

231, 227, 209

Protanomaly

234, 226, 208

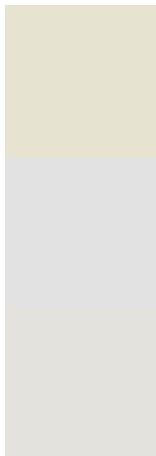
Deuteranomaly

246, 222, 210

Tritanomaly

234, 224, 229

Monochromacy



Original Color

231, 227, 209

Achromatopsia

226, 226, 226

Achromatomaly

228, 226, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 227, 209 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, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 209)  
}
```

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, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 209) }
```

Border

The CSS property to change the border of an element to RGB 231, 227, 209 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, 227, 209) }
```

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

```
.border{ border-color:rgb(231, 227, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(231, 227,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 231, 227, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 209) }
```

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

```
.background{ background-color: rgb(231,  
227, 209) }
```

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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