

Converting Colors

RGB(231, 209, 172)

Have a look what the booklet for
RGB(231, 209, 172) contains.

RGB(231, 209, 172)	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(231, 209, 172)

Conversions

Conversions Part 1

Format	Color
Hex	E7D1AC
RGB	231, 209, 172
RGB Percent	91%, 82%, 67%
CMY	0.0941, 0.1804, 0.3255
CMYK	0.00, 0.10, 0.26, 0.09
HSL	38°, 55%, 79%
HSV	38°, 26%, 91%
XYZ	63.2019, 65.5684, 48.3546
YIQ	211.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

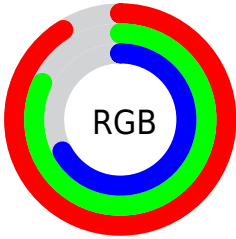
Format	Color
R_{YB}	207, 231, 172
Decimal	15192492
CIE Lab	84.78, 2.04, 21.16
CIE LCh	85, 21.260, 84.501
Yxy	65.5684, 0.3568, 0.3702
Android (android.graphics.Color)	4293382572 (0xFFE7D1AC)
YUV	211.3600, -19.4045, 17.2243
Hunter-Lab	80.9743, -2.3827, 21.2764

Details

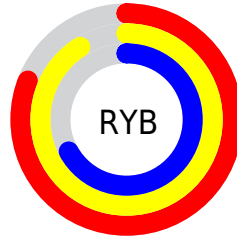
The RGB color **231, 209, 172** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172, 194, 231**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 228**, and **175, 155, 120** is the 20% darker color. If you saturate the color by 10%, you get **231, 200, 149**, and if you desaturate by 10%, it is **231, 218, 195**.

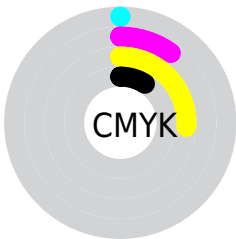
Distribution



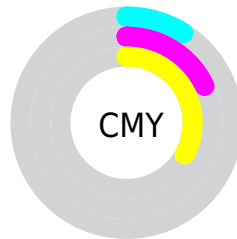
- Red (91%)
- Green (82%)
- Blue (67%)



- Red (81%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (9%)




- Cyan (9%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 209, 172 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, 209, 172 by changing the saturation by 10% instead.

 231, 209, 172


255, 255, 255


 255, 255, 228

 231, 209, 172


 203, 181, 145

 175, 155, 120

 148, 129, 95

 121, 104, 71

 96, 80, 48

 71, 57, 26

 48, 35, 1


 25, 14, 0


 0, 0, 0

 231, 209, 172


 231, 209, 172

 231, 200, 149


 231, 218, 195


 231, 192, 126


 231, 226, 218


 231, 183, 103


 231, 235, 241

 231, 175, 80


 231, 243, 255

 231, 166, 57

 231, 252, 255

 231, 157, 33

 231, 255, 255

 231, 149, 10

 231, 145, 0

Harmonies

Analogous

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



247, 203, 180



231, 209, 172



210, 215, 175

Triad

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



231, 209, 172



158, 223, 227



234, 202, 235

Complementary

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



231, 209, 172



172, 194, 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.



211, 208, 248



231, 209, 172



164, 220, 244

Square

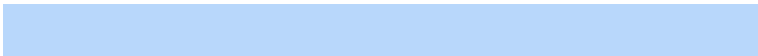
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 209, 172



167, 223, 207



184, 215, 251



250, 198, 216

Rectangle

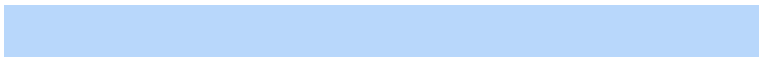
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231, 209, 172



194, 219, 183



184, 215, 251



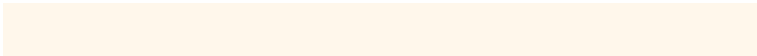
227, 203, 240

Sweetspot

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



231, 209, 172



255, 247, 235



231, 172, 195



128, 123, 115



0, 0, 0



128, 128, 128

Same Dimension

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



231, 209, 172



255, 226, 176



224, 231, 172



115, 110, 103



179, 112, 0



51, 32, 0

Inverse Universe

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



172, 194, 231



176, 205, 255



179, 172, 231



103, 108, 115



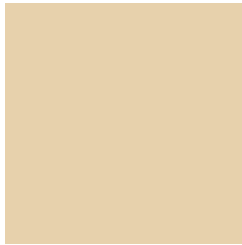
0, 67, 179



0, 19, 51

Previews

White Background



This preview shows how the RGB color 231, 209, 172 looks on a white background.

Color Contrast Check

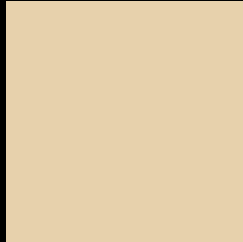
Large Text (above 18pt) WCAG AA × Fail

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, 209, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

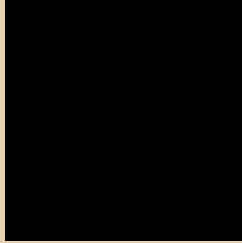
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

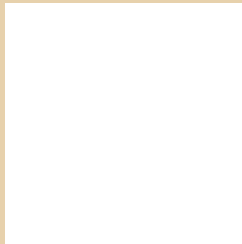
Any Text WCAG AAA ✓ Pass

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

RGB 231, 209, 172 Background



This preview shows how black text looks on a background with the RGB color 231, 209, 172.



This preview shows how white text looks on a background with the RGB color 231, 209, 172.

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, 209, 172

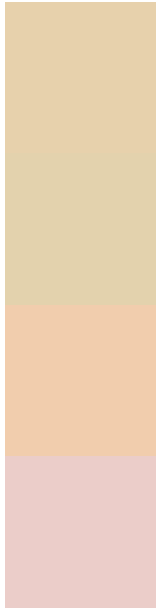
Protanopia
224, 211, 173

Deuteranopia
246, 203, 173



Tritanopia
237, 203, 218

Trichromacy



Original Color

231, 209, 172

Protanomaly

227, 210, 173

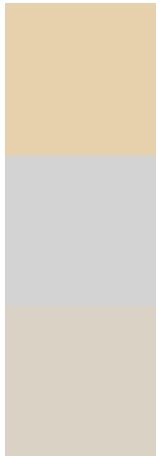
Deuteranomaly

241, 205, 173

Tritanomaly

235, 205, 201

Monochromacy



Original Color

231, 209, 172

Achromatopsia

211, 211, 211

Achromatomaly

218, 210, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 209, 172 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, 209, 172)` looks like.

```
.text, #text, p{  
    color:rgb(231, 209, 172)  
}
```

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, 209, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 209, 172) }
```

Border

The CSS property to change the border of an element to RGB 231, 209, 172 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, 209, 172) }
```

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

```
.border{ border-color:rgb(231, 209, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 209, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 209, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 209, 172); box-shadow:4px 4px 4px 4px rgb(231, 209, 172) }
```

Background

The CSS property to change the background color of an element to RGB 231, 209, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 209, 172) }
```

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

```
.background{ background-color: rgb(231,  
209, 172) }
```

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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