

Converting Colors

RGB(231, 207, 188)

Have a look what the booklet for
RGB(231, 207, 188) contains.

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Color

RGB(231, 207, 188)

Conversions

Conversions Part 1

Format	Color
Hex	E7CFBC
RGB	231, 207, 188
RGB Percent	91%, 81%, 74%
CMY	0.0941, 0.1882, 0.2627
CMYK	0.00, 0.10, 0.19, 0.09
HSL	27°, 47%, 82%
HSV	27°, 19%, 91%
XYZ	64.3449, 65.2454, 56.7792
YIQ	212.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

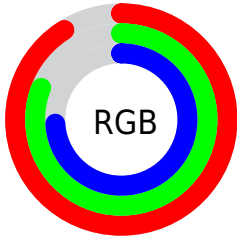
Format	Color
R_{YB}	231, 222, 188
Decimal	15191996
CIE _{Lab}	84.61, 5.37, 12.49
CIE _{LCh}	85, 13.590, 66.738
Yxy	65.2454, 0.3453, 0.3501
Android (android.graphics.Color)	4293382076 (0xFFE7CFBC)
YUV	212.0100, -11.8369, 16.6542
Hunter-Lab	80.7746, 0.8372, 14.8653

Details

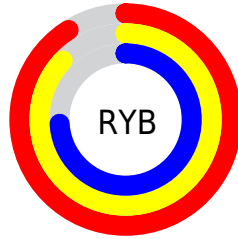
The RGB color **231, 207, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 212, 231**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 244**, and **175, 153, 135** is the 20% darker color. If you saturate the color by 10%, you get **231, 194, 165**, and if you desaturate by 10%, it is **231, 220, 211**.

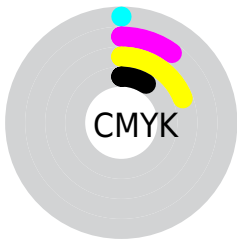
Distribution



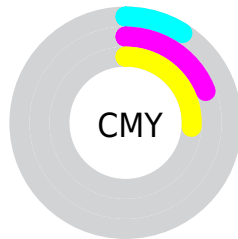
- Red (91%)
- Green (81%)
- Blue (74%)



- Red (91%)
- Yellow (87%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 207, 188 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, 207, 188 by changing the saturation by 10% instead.

 231, 207, 188

255, 255, 255

 255, 255, 244

 231, 207, 188


 203, 179, 161

 175, 153, 135

 148, 127, 109

 122, 102, 85

 97, 78, 62

 73, 55, 40

 49, 34, 19

 29, 12, 0

 0, 0, 0

■ 231, 207, 188

■ 231, 207, 188

■ 231, 194, 165

■ 231, 220, 211

■ 231, 181, 142

■ 231, 233, 234

■ 231, 168, 119

■ 231, 246, 255

■ 231, 155, 96

■ 231, 255, 255

■ 231, 143, 73

■ 231, 130, 49

■ 231, 117, 26

■ 231, 104, 3

■ 231, 102, 0

Harmonies

Analogous

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



238, 204, 196



231, 207, 188



219, 211, 186

Triad

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



231, 207, 188



181, 219, 214



217, 207, 232

Complementary

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



231, 207, 188



188, 212, 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.



201, 211, 236



231, 207, 188



179, 218, 226

Square

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



231, 207, 188



190, 218, 201



187, 215, 234



231, 204, 222

Rectangle

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



231, 207, 188



209, 214, 188



187, 215, 234



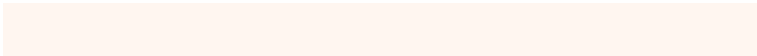
212, 208, 234

Sweetspot

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



231, 207, 188



255, 246, 240



231, 188, 212



128, 123, 119



0, 0, 0



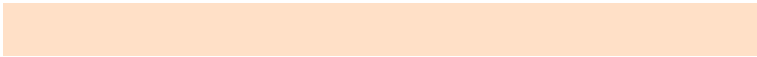
128, 128, 128

Same Dimension

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



231, 207, 188



255, 224, 199



231, 228, 188



115, 108, 103



179, 79, 0



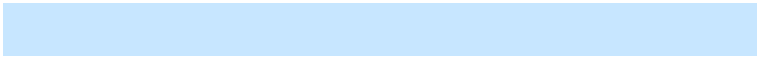
51, 23, 0

Inverse Universe

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



188, 212, 231



199, 230, 255



188, 191, 231



103, 110, 115



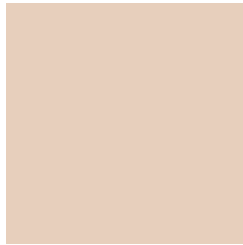
0, 100, 179



0, 28, 51

Previews

White Background



This preview shows how the RGB color 231, 207, 188 looks on a white background.

Color Contrast Check

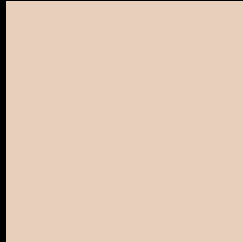
Large Text (above 18pt) WCAG AA × Fail

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, 207, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

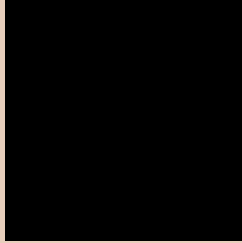
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

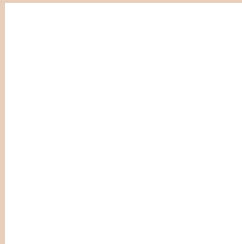
Any Text WCAG AAA ✓ Pass

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

RGB 231, 207, 188 Background



This preview shows how black text looks on a background with the RGB color 231, 207, 188.



This preview shows how white text looks on a background with the RGB color 231, 207, 188.

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, 207, 188

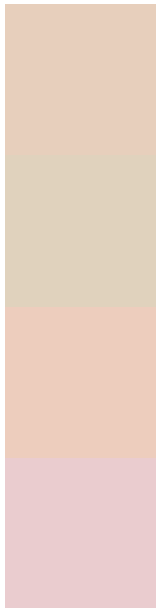
Protanopia
220, 211, 190

Deuteranopia
240, 204, 189



Tritanopia
235, 203, 218

Trichromacy



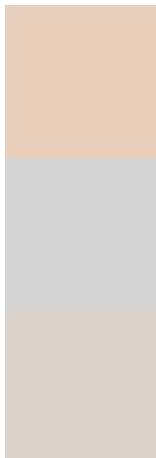
Original Color
231, 207, 188

Protanomaly
224, 210, 189

Deuteranomaly
237, 205, 189

Tritanomaly
234, 204, 207

Monochromacy



Original Color
231, 207, 188

Achromatopsia
212, 212, 212

Achromatomaly
219, 210, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 207, 188 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, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(231, 207, 188)  
}
```

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, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 207, 188) }
```

Border

The CSS property to change the border of an element to RGB 231, 207, 188 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, 207, 188) }
```

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

```
.border{ border-color:rgb(231, 207, 188) }
```

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

Here you see how a box with a 4 pixel rgb(231, 207, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(231, 207,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 231, 207, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 207, 188) }
```

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

```
.background{ background-color: rgb(231,  
207, 188) }
```

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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