

Converting Colors

RGB(231, 220, 190)

Have a look what the booklet for
RGB(231, 220, 190) contains.

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Color

RGB(231, 220, 190)

Conversions

Conversions Part 1

Format	Color
Hex	E7DCBE
RGB	231, 220, 190
RGB Percent	91%, 86%, 75%
CMY	0.0941, 0.1373, 0.2549
CMYK	0.00, 0.05, 0.18, 0.09
HSL	44°, 46%, 83%
HSV	44°, 18%, 91%
XYZ	67.8425, 71.8930, 59.0163
YIQ	219.8690, 16.1860, -6.9980

Conversions

Conversions Part 2

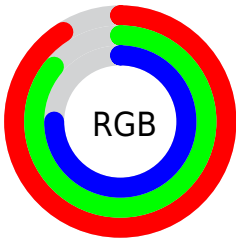
Format	Color
RYB	205, 231, 190
Decimal	15195326
CIELab	87.92, -1.07, 16.10
CIELCh	88, 16.136, 93.811
Yxy	71.8930, 0.3413, 0.3617
Android (android.graphics.Color)	4293385406 (0xFFE7DCBE)
YUV	219.8690, -14.7254, 9.7619
Hunter-Lab	84.7898, -5.5596, 18.0852

Details

The RGB color **231, 220, 190** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **190, 201, 231**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 246**, and **175, 165, 137** is the 20% darker color. If you saturate the color by 10%, you get **231, 214, 167**, and if you desaturate by 10%, it is **231, 226, 213**.

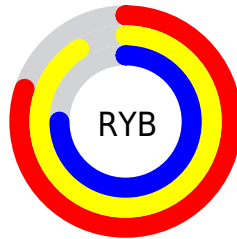
Distribution



Red (91%)

Green (86%)

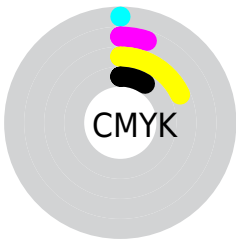
Blue (75%)



Red (80%)

Yellow (91%)

Blue (75%)

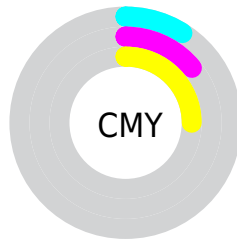


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 220, 190 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, 220, 190 by changing the saturation by 10% instead.

 231, 220, 190

255, 255, 255

 255, 255, 246

 231, 220, 190

 203, 192, 163

 175, 165, 137

 148, 139, 111

 122, 113, 87

 97, 89, 63

 73, 66, 41

 50, 44, 20

 30, 23, 0

 0, 0, 0

 231, 220, 190

 231, 220, 190

 231, 214, 167


 231, 226, 213

 231, 208, 144


 231, 232, 236

 231, 201, 121


 231, 239, 255

 231, 195, 98


 231, 245, 255


 231, 189, 75


 231, 251, 255

 231, 183, 51

 231, 255, 255

 231, 177, 28

 231, 170, 5

 231, 169, 0

Harmonies

Analogous

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



245, 215, 193



231, 220, 190



214, 225, 195

Triad

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



231, 220, 190



181, 229, 237



243, 212, 234

Complementary

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



231, 220, 190



190, 201, 231

Split Complementary

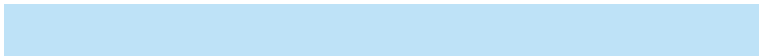
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 216, 246



231, 220, 190



190, 226, 247

Square

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



231, 220, 190



184, 230, 222



206, 221, 251



252, 210, 219

Rectangle

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



231, 220, 190



202, 227, 202



206, 221, 251



238, 213, 239

Sweetspot

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



231, 220, 190



255, 252, 242



231, 190, 202



128, 125, 120



0, 0, 0



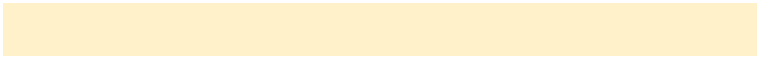
128, 128, 128

Same Dimension

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



231, 220, 190



255, 241, 201



222, 231, 190



115, 112, 103



179, 131, 0



51, 37, 0

Inverse Universe

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



190, 201, 231



201, 216, 255



199, 190, 231



103, 106, 115



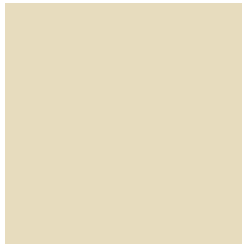
0, 48, 179



0, 14, 51

Previews

White Background



This preview shows how the RGB color 231, 220, 190 looks on a white background.

Color Contrast Check

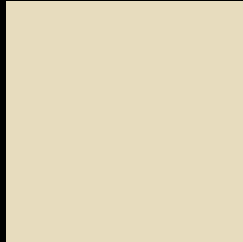
Large Text (above 18pt) WCAG AA × Fail

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, 220, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

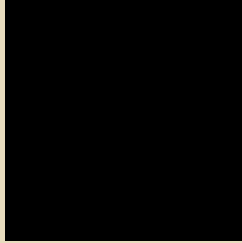
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

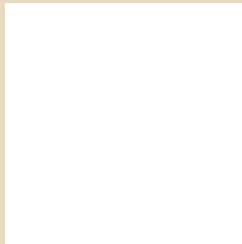
Any Text WCAG AAA ✓ Pass

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

RGB 231, 220, 190 Background



This preview shows how black text looks on a background with the RGB color 231, 220, 190.

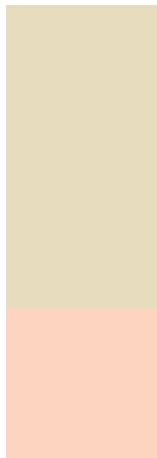


This preview shows how white text looks on a background with the RGB color 231, 220, 190.

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, 220, 190

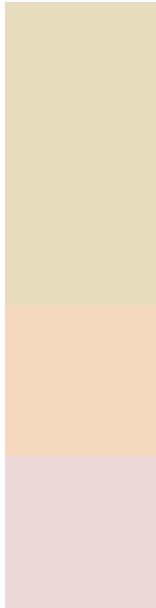
Protanopia
231, 220, 190

Deuteranopia
252, 212, 192



Tritanopia
236, 214, 231

Trichromacy



Original Color

231, 220, 190

Protanomaly

231, 220, 190

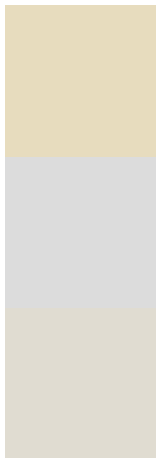
Deuteranomaly

244, 215, 191

Tritanomaly

234, 216, 216

Monochromacy



Original Color

231, 220, 190

Achromatopsia

220, 220, 220

Achromatomaly

224, 220, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 220, 190 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, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 190)  
}
```

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, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 190) }
```

Border

The CSS property to change the border of an element to RGB 231, 220, 190 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, 220, 190) }
```

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

```
.border{ border-color:rgb(231, 220, 190) }
```

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

Here you see how a box with a 4 pixel rgb(231, 220, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 231, 220, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 190) }
```

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

```
.background{ background-color: rgb(231,  
220, 190) }
```

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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