

Converting Colors

RGB(230, 205, 171)

Have a look what the booklet for
RGB(230, 205, 171) contains.

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Color

RGB(230, 205, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E6CDAB
RGB	230, 205, 171
RGB Percent	90%, 80%, 67%
CMY	0.0980, 0.1961, 0.3294
CMYK	0.00, 0.11, 0.26, 0.10
HSL	35°, 54%, 79%
HSV	35°, 26%, 90%
XYZ	61.8151, 63.4259, 47.5125
YIQ	208.5990, 25.8140, -5.2740

Conversions

Conversions Part 2

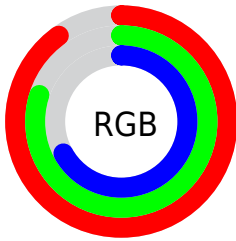
Format	Color
R_{YB}	214, 230, 171
Decimal	15125931
CIE _{Lab}	83.67, 3.61, 20.14
CIE _{LCh}	84, 20.460, 79.850
Yxy	63.4259, 0.3578, 0.3671
Android (android.graphics.Color)	4293316011 (0xFFE6CDAB)
YUV	208.5990, -18.5363, 18.7687
Hunter-Lab	79.6404, -0.8229, 20.3766

Details

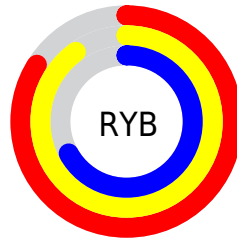
The RGB color **230, 205, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 196, 230**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 226**, and **174, 151, 119** is the 20% darker color. If you saturate the color by 10%, you get **230, 195, 148**, and if you desaturate by 10%, it is **230, 215, 194**.

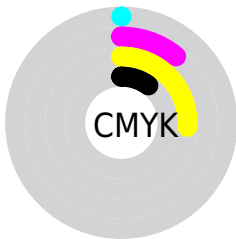
Distribution



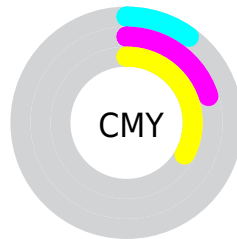
- Red (90%)
- Green (80%)
- Blue (67%)



- Red (84%)
- Yellow (90%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (10%)




- Cyan (10%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 205, 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 230, 205, 171 by changing the saturation by 10% instead.


 230, 205, 171


 230, 205, 171


255, 255, 255

 202, 178, 144

 255, 255, 226

 174, 151, 119

 147, 125, 94

 120, 100, 70

 95, 76, 47

 70, 54, 26


 48, 32, 0

 24, 10, 0


 0, 0, 0

 230, 205, 171


 230, 205, 171

 230, 195, 148

 230, 215, 194

 230, 186, 125


 230, 224, 217

 230, 176, 102


 230, 234, 240

 230, 166, 79


 230, 244, 255

 230, 156, 56

 230, 254, 255

 230, 147, 33

 230, 255, 255

 230, 137, 10

 230, 133, 0

Harmonies

Analogous

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



244, 199, 180



230, 205, 171



210, 211, 172

Triad

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



230, 205, 171



158, 220, 221



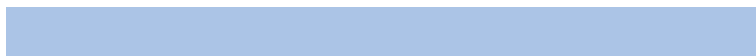
227, 200, 234

Complementary

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



230, 205, 171



171, 196, 230

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.



204, 206, 245



230, 205, 171



161, 217, 237

Square

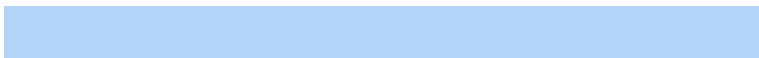
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 205, 171



168, 219, 201



179, 212, 246



243, 196, 216

Rectangle

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



230, 205, 171



195, 215, 179



179, 212, 246



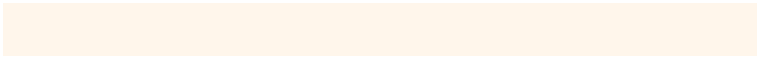
220, 202, 238

Sweetspot

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



230, 205, 171



255, 246, 235



230, 171, 197



128, 122, 115



0, 0, 0



128, 128, 128

Same Dimension

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



230, 205, 171



255, 222, 176



226, 230, 171



115, 110, 103



179, 103, 0



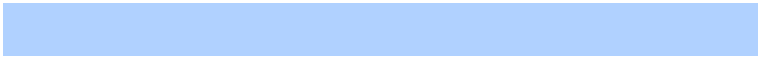
51, 29, 0

Inverse Universe

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



171, 196, 230



176, 209, 255



175, 171, 230



103, 108, 115



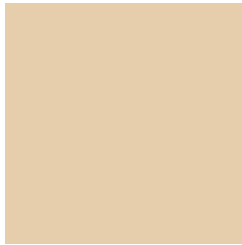
0, 76, 179



0, 22, 51

Previews

White Background



This preview shows how the RGB color 230, 205, 171 looks on a white background.

Color Contrast Check

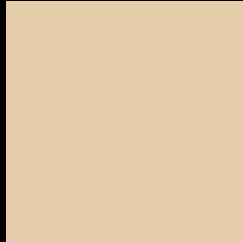
Large Text (above 18pt) WCAG AA × Fail

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 230, 205, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

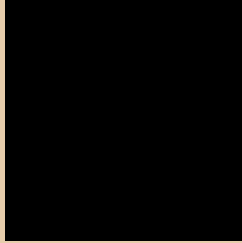
Any Text WCAG AA ✓ Pass

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 230, 205, 171 Background



This preview shows how black text looks on a background with the RGB color 230, 205, 171.



This preview shows how white text looks on a background with the RGB color 230, 205, 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
230, 205, 171

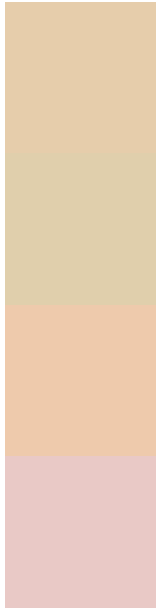
Protanopia
220, 208, 173

Deuteranopia
242, 201, 172



Tritanopia
235, 199, 214

Trichromacy



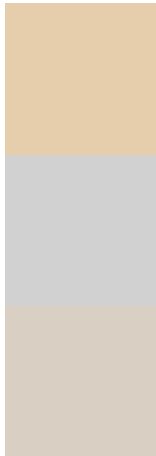
Original Color
230, 205, 171

Protanomaly
224, 207, 172

Deuteranomaly
238, 202, 172

Tritanomaly
233, 201, 198

Monochromacy



Original Color
230, 205, 171

Achromatopsia
209, 209, 209

Achromatomaly
217, 208, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 205, 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(230, 205, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 205, 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(230, 205, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 205, 171) }
```

Border

The CSS property to change the border of an element to RGB 230, 205, 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(230, 205, 171) }
```

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

```
.border{ border-color:rgb(230, 205, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 205, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 205, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 205, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 205,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 230, 205, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 205, 171) }
```

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

```
.background{ background-color: rgb(230,  
205, 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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