

Converting Colors

RGB(224, 198, 171)

Have a look what the booklet for
RGB(224, 198, 171) contains.

RGB(224, 198, 171)	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(224, 198, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E0C6AB
RGB	224, 198, 171
RGB Percent	88%, 78%, 67%
CMY	0.1216, 0.2235, 0.3294
CMYK	0.00, 0.12, 0.24, 0.12
HSL	31°, 46%, 77%
HSV	31°, 24%, 88%
XYZ	58.2852, 59.1757, 46.8782
YIQ	202.6960, 24.1630, -2.8850

Conversions

Conversions Part 2

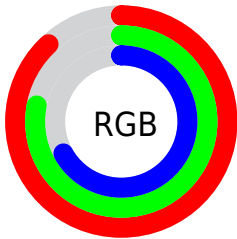
Format	Color
R _Y B	222, 224, 171
Decimal	14730923
CIE Lab	81.39, 5.02, 16.89
CIE LCh	81, 17.620, 73.460
Yxy	59.1757, 0.3547, 0.3601
Android (android.graphics.Color)	4292921003 (0xFFE0C6AB)
YUV	202.6960, -15.6261, 18.6836
Hunter-Lab	76.9258, 0.6261, 17.7170

Details

The RGB color **224, 198, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 197, 224**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 255, 226**, and **168, 144, 119** is the 20% darker color. If you saturate the color by 10%, you get **224, 187, 149**, and if you desaturate by 10%, it is **224, 209, 193**.

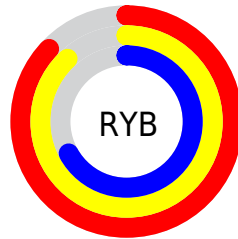
Distribution



Red (88%)

Green (78%)

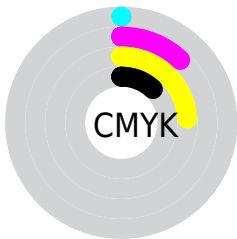
Blue (67%)



Red (87%)

Yellow (88%)

Blue (67%)

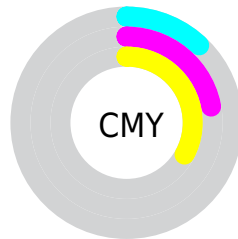


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RGB color 224, 198, 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 224, 198, 171 by changing the saturation by 10% instead.

 224, 198, 171


255, 255, 255


 255, 255, 226


 224, 198, 171

 196, 171, 144

 168, 144, 119

 141, 119, 94

 115, 94, 70


 90, 70, 48


 66, 48, 26

 44, 27, 0

 19, 1, 0


 0, 0, 0

 224, 198, 171

 224, 198, 171

 224, 187, 149

 224, 209, 193

 224, 176, 126

 224, 220, 216

 224, 165, 104


 224, 231, 238

 224, 154, 81


 224, 242, 255

 224, 143, 59

 224, 253, 255

 224, 132, 37

 224, 255, 255

 224, 121, 14

 224, 114, 0

Harmonies

Analogous

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



235, 193, 180



224, 198, 171



208, 203, 170

Triad

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



224, 198, 171



160, 212, 209



214, 196, 226

Complementary

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



224, 198, 171



171, 197, 224

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.



194, 201, 234



224, 198, 171



161, 210, 224

Square

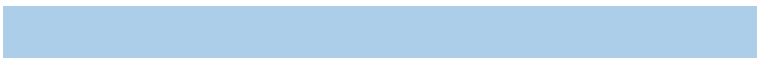
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 198, 171



171, 211, 192



173, 206, 233



230, 192, 212

Rectangle

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



224, 198, 171



195, 207, 174



173, 206, 233



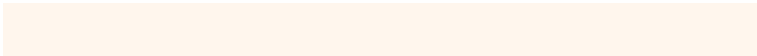
208, 197, 230

Sweetspot

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



224, 198, 171



255, 246, 237



224, 171, 198



128, 122, 117



0, 0, 0



128, 128, 128

Same Dimension

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



224, 198, 171



255, 220, 184



224, 224, 171



112, 107, 101



176, 90, 0



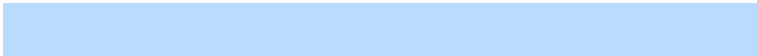
48, 25, 0

Inverse Universe

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



171, 197, 224



184, 219, 255



171, 171, 224



101, 106, 112



0, 86, 176



0, 24, 48

Previews

White Background



This preview shows how the RGB color 224, 198, 171 looks on a white background.

Color Contrast Check

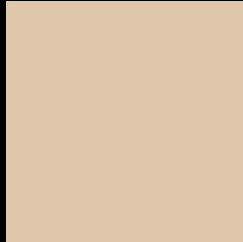
Large Text (above 18pt) WCAG AA × Fail

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 224, 198, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

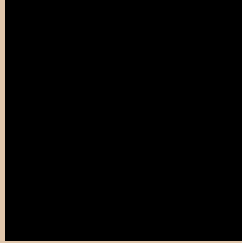
Any Text WCAG AA ✓ Pass

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 224, 198, 171 Background



This preview shows how black text looks on a background with the RGB color 224, 198, 171.






This preview shows how white text looks on a background with the RGB color 224, 198, 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](#).

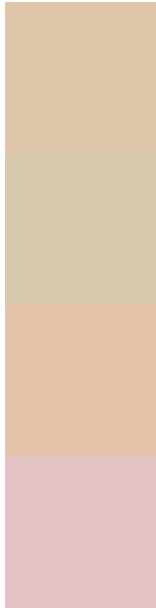
Dichromacy

	Original Color 224, 198, 171
	Protanopia 213, 202, 173
	Deuteranopia 233, 195, 172



Tritanopia
228, 193, 208

Trichromacy



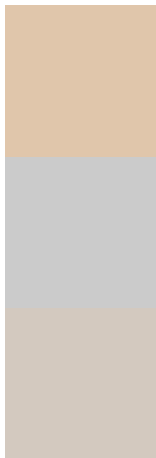
Original Color
224, 198, 171

Protanomaly
217, 201, 172

Deuteranomaly
230, 196, 172

Tritanomaly
227, 195, 195

Monochromacy



Original Color
224, 198, 171

Achromatopsia
203, 203, 203

Achromatomaly
211, 201, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 198, 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(224, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 198, 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(224, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 198, 171) }
```

Border

The CSS property to change the border of an element to RGB 224, 198, 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(224, 198, 171) }
```

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

```
.border{ border-color:rgb(224, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 198, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 198, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 198,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 224, 198, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 198, 171) }
```

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

```
.background{ background-color: rgb(224,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor