

Converting Colors

RGB(224, 205, 178)

Have a look what the booklet for
RGB(224, 205, 178) contains.

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Color

RGB(224, 205, 178)

Conversions

Conversions Part 1

Format	Color
Hex	E0CDB2
RGB	224, 205, 178
RGB Percent	88%, 80%, 70%
CMY	0.1216, 0.1961, 0.3020
CMYK	0.00, 0.08, 0.21, 0.12
HSL	35°, 43%, 79%
HSV	35°, 21%, 88%
XYZ	60.6077, 62.7243, 51.0321
YIQ	207.6030, 19.9910, -4.3690

Conversions

Conversions Part 2

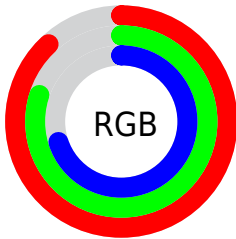
Format	Color
RYB	210, 224, 178
Decimal	14732722
CIELab	83.30, 2.36, 15.85
CIELCh	83, 16.021, 81.542
Yxy	62.7243, 0.3476, 0.3597
Android (android.graphics.Color)	4292922802 (0xFFE0CDB2)
YUV	207.6030, -14.5943, 14.3802
Hunter-Lab	79.1987, -1.9985, 17.2352

Details

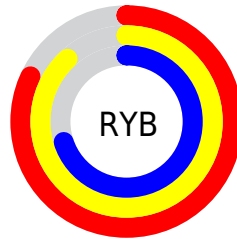
The RGB color **224, 205, 178** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 197, 224**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 255, 234**, and **168, 151, 125** is the 20% darker color. If you saturate the color by 10%, you get **224, 196, 156**, and if you desaturate by 10%, it is **224, 214, 200**.

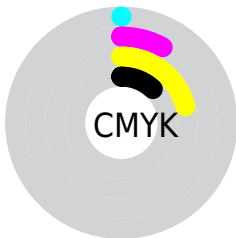
Distribution



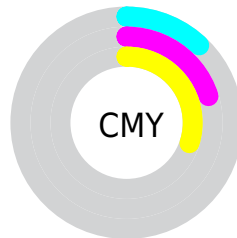
- Red (88%)
- Green (80%)
- Blue (70%)



- Red (82%)
- Yellow (88%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 205, 178 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, 205, 178 by changing the saturation by 10% instead.

 224, 205, 178


255, 255, 255

 255, 255, 234


 224, 205, 178

 196, 178, 151

 168, 151, 125


 142, 125, 100

 116, 100, 76

 91, 76, 53

 67, 54, 32


 44, 32, 9

 21, 10, 0

 0, 0, 0

 224, 205, 178


 224, 205, 178

 224, 196, 156


 224, 214, 200

 224, 186, 133


 224, 224, 223

 224, 177, 111


 224, 233, 245

 224, 168, 88


 224, 242, 255

 224, 159, 66

 224, 251, 255

 224, 149, 44

 224, 255, 255

 224, 140, 21

 224, 131, 0

Harmonies

Analogous

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



236, 200, 184



224, 205, 178



208, 210, 179

Triad

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



224, 205, 178



169, 216, 218



223, 200, 226

Complementary

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



224, 205, 178



178, 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.



205, 205, 235



224, 205, 178



172, 214, 231

Square

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



224, 205, 178



176, 216, 203



186, 210, 237



236, 198, 212

Rectangle

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



224, 205, 178



196, 213, 185



186, 210, 237



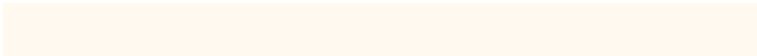
218, 202, 230

Sweetspot

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



224, 205, 178



255, 249, 240



224, 178, 197



128, 124, 119



0, 0, 0



128, 128, 128

Same Dimension

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



224, 205, 178



255, 229, 191



220, 224, 178



112, 108, 101



176, 103, 0



48, 28, 0

Inverse Universe

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



178, 197, 224



191, 218, 255



182, 178, 224



101, 106, 112



0, 73, 176



0, 20, 48

Previews

White Background



This preview shows how the RGB color 224, 205, 178 looks on a white background.

Color Contrast Check

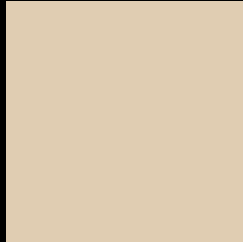
Large Text (above 18pt) WCAG AA × Fail

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, 205, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

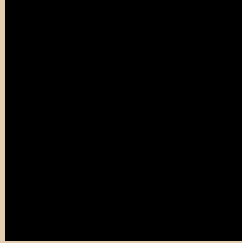
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

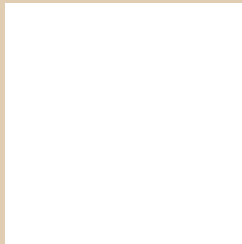
Any Text WCAG AAA ✓ Pass

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

RGB 224, 205, 178 Background



This preview shows how black text looks on a background with the RGB color 224, 205, 178.



This preview shows how white text looks on a background with the RGB color 224, 205, 178.

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, 205, 178

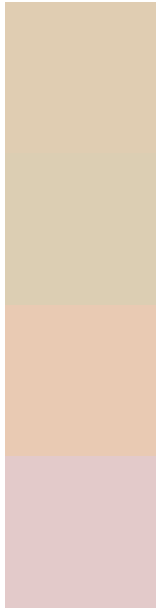
Protanopia
218, 207, 179

Deuteranopia
238, 200, 179



Tritanopia
229, 200, 215

Trichromacy



Original Color

224, 205, 178

Protanomaly

220, 206, 179

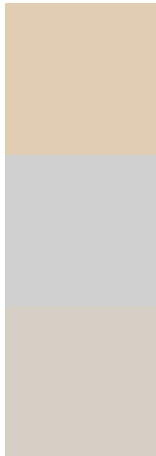
Deuteranomaly

233, 202, 179

Tritanomaly

227, 202, 202

Monochromacy



Original Color

224, 205, 178

Achromatopsia

208, 208, 208

Achromatomaly

214, 207, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 205, 178 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, 205, 178)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 178)  
}
```

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, 205, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 178) }
```

Border

The CSS property to change the border of an element to RGB 224, 205, 178 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, 205, 178) }
```

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

```
.border{ border-color:rgb(224, 205, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 205, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 205, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 205, 178);  
box-shadow:4px 4px 4px 4px rgb(224, 205,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 224, 205, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 178) }
```

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

```
.background{ background-color: rgb(224,  
205, 178) }
```

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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