

Converting Colors

RGB(233, 206, 172)

Have a look what the booklet for
RGB(233, 206, 172) contains.

RGB(233, 206, 172)	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(233, 206, 172)

Conversions

Conversions Part 1

Format	Color
Hex	E9CEAC
RGB	233, 206, 172
RGB Percent	91%, 81%, 67%
CMY	0.0863, 0.1922, 0.3255
CMYK	0.00, 0.12, 0.26, 0.09
HSL	33°, 58%, 79%
HSV	33°, 26%, 91%
XYZ	63.1220, 64.4448, 48.1419
YIQ	210.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

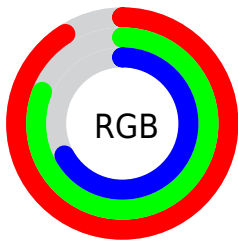
Format	Color
R _Y B	220, 233, 172
Decimal	15322796
CIE Lab	84.20, 4.35, 20.39
CIE LCh	84, 20.847, 77.959
Yxy	64.4448, 0.3592, 0.3668
Android (android.graphics.Color)	4293512876 (0xFFE9CEAC)
YUV	210.1970, -18.8311, 19.9982
Hunter-Lab	80.2775, -0.1317, 20.6384

Details

The RGB color **233, 206, 172** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **172, 199, 233**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 255, 227**, and **177, 152, 120** is the 20% darker color. If you saturate the color by 10%, you get **233, 196, 149**, and if you desaturate by 10%, it is **233, 216, 195**.

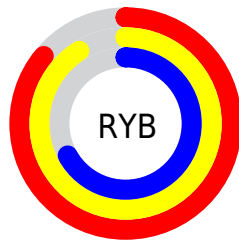
Distribution



Red (91%)

Green (81%)

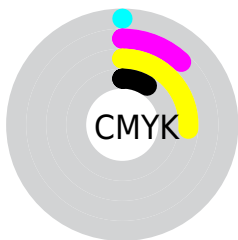
Blue (67%)



Red (86%)

Yellow (91%)

Blue (67%)

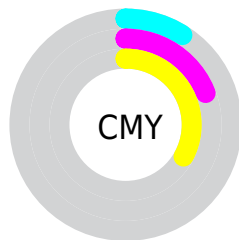


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 206, 172 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 233, 206, 172 by changing the saturation by 10% instead.

 233, 206, 172

255, 255, 255


 255, 255, 227

 233, 206, 172


 204, 179, 145

 177, 152, 120

 149, 126, 95

 123, 101, 71

 97, 77, 48

 73, 54, 27

 50, 33, 1

 26, 11, 0


 0, 0, 0

 233, 206, 172

 233, 206, 172

 233, 196, 149

 233, 216, 195

 233, 185, 125


 233, 227, 219

 233, 175, 102


 233, 237, 242

 233, 165, 79

 233, 247, 255

 233, 154, 56

 233, 255, 255

 233, 144, 32

 233, 134, 9

 233, 130, 0

Harmonies

Analogous

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



247, 200, 182



233, 206, 172



213, 212, 173

Triad

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



233, 206, 172



158, 221, 221



228, 201, 237

Complementary

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



233, 206, 172



172, 199, 233

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.



203, 208, 247



233, 206, 172



161, 219, 238

Square

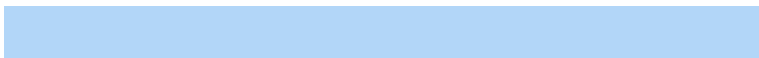
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233, 206, 172



170, 221, 201



178, 214, 248



245, 197, 219

Rectangle

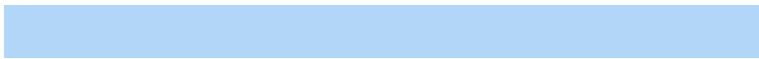
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233, 206, 172



198, 216, 179



178, 214, 248



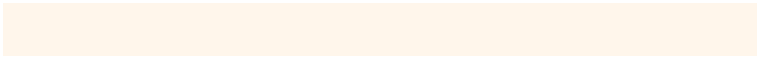
220, 203, 241

Sweetspot

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



233, 206, 172



255, 246, 235



233, 172, 199



128, 122, 115



0, 0, 0



128, 128, 128

Same Dimension

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



233, 206, 172



255, 220, 176



230, 233, 172



117, 112, 106



181, 101, 0



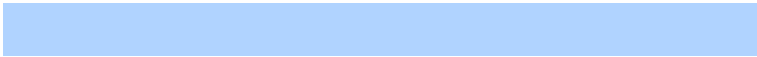
54, 30, 0

Inverse Universe

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



172, 199, 233



176, 211, 255



175, 172, 233



106, 111, 117



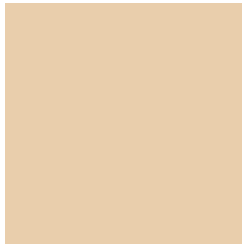
0, 80, 181



0, 24, 54

Previews

White Background



This preview shows how the RGB color 233, 206, 172 looks on a white background.

Color Contrast Check

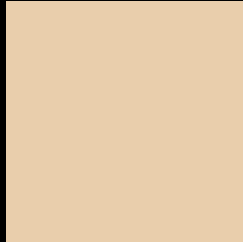
Large Text (above 18pt) WCAG AA × Fail

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 233, 206, 172 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

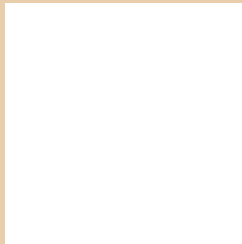
Any Text WCAG AAA ✓ Pass

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

RGB 233, 206, 172 Background



This preview shows how black text looks on a background with the RGB color 233, 206, 172.




This preview shows how white text looks on a background with the RGB color 233, 206, 172.

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 233, 206, 172
Protanopia 222, 210, 174
Deuteranopia 243, 202, 173



Tritanopia
238, 200, 215

Trichromacy



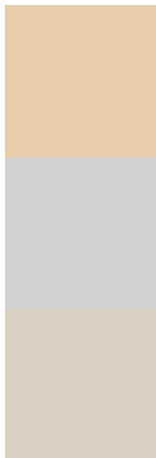
Original Color
233, 206, 172

Protanomaly
226, 209, 173

Deuteranomaly
239, 203, 173

Tritanomaly
236, 202, 199

Monochromacy



Original Color
233, 206, 172

Achromatopsia
210, 210, 210

Achromatomaly
218, 209, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 206, 172 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(233, 206, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 206, 172)  
}
```

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(233, 206, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 206, 172) }
```

Border

The CSS property to change the border of an element to RGB 233, 206, 172 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(233, 206, 172) }
```

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

```
.border{ border-color:rgb(233, 206, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 206, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 206, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 206, 172);  
box-shadow:4px 4px 4px 4px rgb(233, 206,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 233, 206, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 206, 172) }
```

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

```
.background{ background-color: rgb(233,  
206, 172) }
```

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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