

Converting Colors

RGB(228, 221, 201)

Have a look what the booklet for
RGB(228, 221, 201) contains.

RGB(228, 221, 201)	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(228, 221, 201)

Conversions

Conversions Part 1

Format	Color
Hex	E4DDC9
RGB	228, 221, 201
RGB Percent	89%, 87%, 79%
CMY	0.1059, 0.1333, 0.2118
CMYK	0.00, 0.03, 0.12, 0.11
HSL	44°, 33%, 84%
HSV	44°, 12%, 89%
XYZ	68.3940, 72.4239, 65.6328
YIQ	220.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

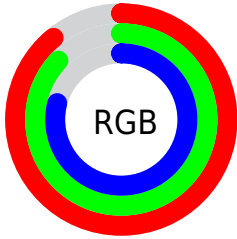
Format	Color
R_{YB}	210, 228, 201
Decimal	14998985
CIE Lab	88.17, -0.96, 10.66
CIE LCh	88, 10.704, 95.172
Yxy	72.4239, 0.3313, 0.3508
Android (android.graphics.Color)	4293189065 (0xFFE4DDC9)
YUV	220.8130, -9.7678, 6.3030
Hunter-Lab	85.1022, -5.4742, 13.8458

Details

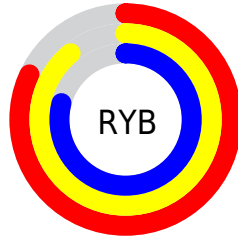
The RGB color **228, 221, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 208, 228**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 166, 147** is the 20% darker color. If you saturate the color by 10%, you get **228, 215, 178**, and if you desaturate by 10%, it is **228, 227, 224**.

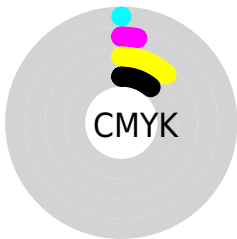
Distribution



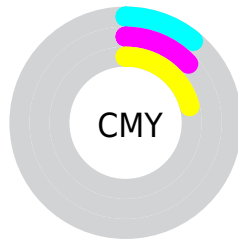
- Red (89%)
- Green (87%)
- Blue (79%)



- Red (82%)
- Yellow (89%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 221, 201 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 228, 221, 201 by changing the saturation by 10% instead.

■ 228, 221, 201

255, 255, 255

■ 228, 221, 201

■ 200, 193, 174

■ 172, 166, 147

■ 146, 140, 121

■ 120, 114, 96

■ 95, 90, 73

■ 71, 66, 50

■ 49, 44, 29

■ 29, 24, 4

■ 0, 0, 0

■ 228, 221, 201

■ 228, 221, 201

■ 228, 215, 178

■ 228, 227, 224

■ 228, 209, 155

■ 228, 233, 247

■ 228, 203, 133

■ 228, 239, 255

■ 228, 197, 110

■ 228, 245, 255

■ 228, 191, 87

■ 228, 251, 255

■ 228, 186, 64

■ 228, 255, 255

■ 228, 180, 41

■ 228, 174, 19

■ 228, 169, 0

Harmonies

Analogous

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



238, 218, 203



228, 221, 201



216, 224, 204

Triad

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



228, 221, 201



196, 227, 232



236, 215, 230

Complementary

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



228, 221, 201



201, 208, 228

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, 218, 238



228, 221, 201



202, 225, 239

Square

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



228, 221, 201



198, 227, 223



213, 221, 241



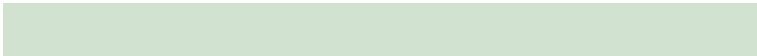
243, 214, 220

Rectangle

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



228, 221, 201



209, 226, 209



213, 221, 241



233, 216, 233

Sweetspot

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



228, 221, 201



255, 252, 245



228, 201, 208



128, 126, 121



0, 0, 0



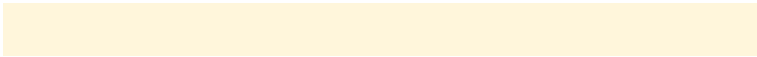
128, 128, 128

Same Dimension

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



228, 221, 201



255, 246, 219



222, 228, 201



115, 112, 103



179, 132, 0



51, 38, 0

Inverse Universe

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



201, 208, 228



219, 229, 255



207, 201, 228



103, 106, 115



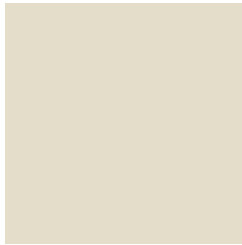
0, 46, 179



0, 13, 51

Previews

White Background



This preview shows how the RGB color 228, 221, 201 looks on a white background.

Color Contrast Check

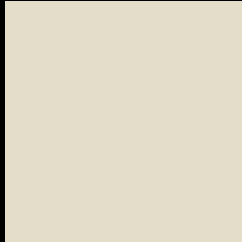
Large Text (above 18pt) WCAG AA × Fail

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 228, 221, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

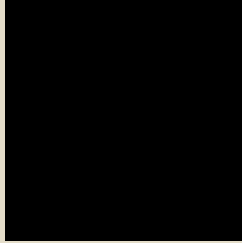
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

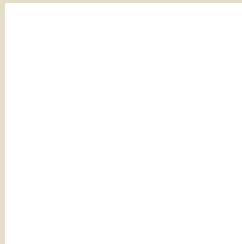
Any Text WCAG AAA ✓ Pass

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

RGB 228, 221, 201 Background



This preview shows how black text looks on a background with the RGB color 228, 221, 201.

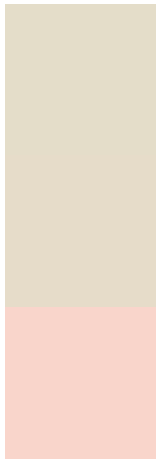


This preview shows how white text looks on a background with the RGB color 228, 221, 201.

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](#).

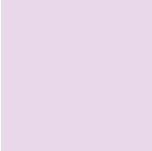
Dichromacy



Original Color
228, 221, 201

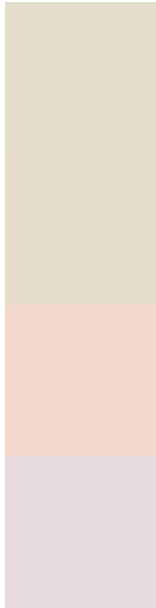
Protanopia
230, 220, 201

Deuteranopia
249, 213, 203



Tritanopia
233, 216, 233

Trichromacy



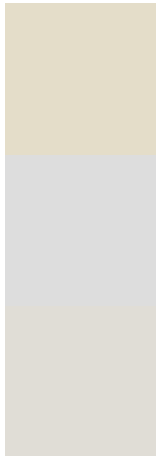
Original Color
228, 221, 201

Protanomaly
229, 220, 201

Deuteranomaly
241, 216, 202

Tritanomaly
231, 218, 221

Monochromacy



Original Color
228, 221, 201

Achromatopsia
221, 221, 221

Achromatomaly
224, 221, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 221, 201 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(228, 221, 201)` looks like.

```
.text, #text, p{  
    color:rgb(228, 221, 201)  
}
```

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(228, 221, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 221, 201) }
```

Border

The CSS property to change the border of an element to RGB 228, 221, 201 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(228, 221, 201) }
```

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

```
.border{ border-color:rgb(228, 221, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 221, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 221, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 221, 201);  
box-shadow:4px 4px 4px 4px rgb(228, 221,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 228, 221, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 221, 201) }
```

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

```
.background{ background-color: rgb(228,  
221, 201) }
```

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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