

Converting Colors

RGB(237, 226, 205)

Have a look what the booklet for
RGB(237, 226, 205) contains.

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Color

RGB(237, 226, 205)

Conversions

Conversions Part 1

Format	Color
Hex	EDE2CD
RGB	237, 226, 205
RGB Percent	93%, 89%, 80%
CMY	0.0706, 0.1137, 0.1961
CMYK	0.00, 0.05, 0.14, 0.07
HSL	39°, 47%, 87%
HSV	39°, 14%, 93%
XYZ	73.1409, 76.8050, 68.7275
YIQ	226.8950, 13.2970, -4.1990

Conversions

Conversions Part 2

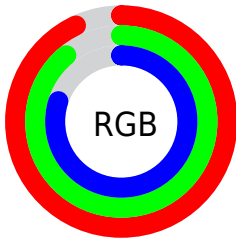
Format	Color
R _Y B	222, 237, 205
Decimal	15590093
CIE Lab	90.23, 0.29, 11.60
CIE LCh	90, 11.600, 88.555
Yxy	76.8050, 0.3345, 0.3512
Android (android.graphics.Color)	4293780173 (0xFFE2CD)
YUV	226.8950, -10.7942, 8.8621
Hunter-Lab	87.6385, -4.3957, 14.8507

Details

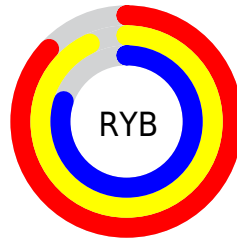
The RGB color **237, 226, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 216, 237**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **181, 171, 151** is the 20% darker color. If you saturate the color by 10%, you get **237, 218, 181**, and if you desaturate by 10%, it is **237, 234, 229**.

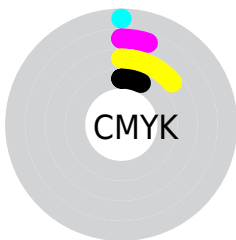
Distribution



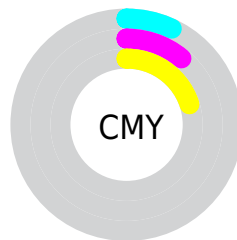
- Red (93%)
- Green (89%)
- Blue (80%)



- Red (87%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 226, 205 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 237, 226, 205 by changing the saturation by 10% instead.

■ 237, 226, 205

255, 255, 255

■ 237, 226, 205

■ 209, 198, 178

■ 181, 171, 151

■ 154, 144, 125

■ 128, 119, 100

■ 103, 94, 76

■ 78, 70, 53

■ 55, 48, 32

■ 34, 27, 9

■ 2, 1, 0

237, 226, 205

237, 226, 205

237, 218, 181

237, 234, 229

237, 210, 158

237, 242, 252

237, 202, 134

237, 250, 255

237, 193, 110

237, 255, 255

237, 185, 86

237, 177, 63

237, 169, 39

237, 161, 15

237, 156, 0

Harmonies

Analogous

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



247, 223, 208



237, 226, 205



224, 230, 207

Triad

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



237, 226, 205



200, 233, 237



241, 221, 239

Complementary

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



237, 226, 205



205, 216, 237

Split Complementary

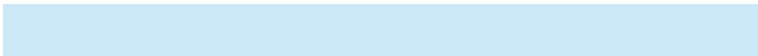
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229, 224, 246



237, 226, 205



204, 231, 246

Square

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



237, 226, 205



203, 234, 226



215, 228, 249



249, 220, 228

Rectangle

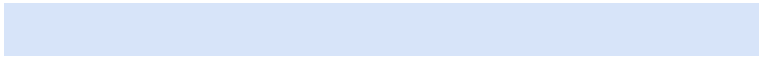
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237, 226, 205



216, 232, 212



215, 228, 249



237, 222, 242

Sweetspot

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



237, 226, 205



255, 251, 245



237, 205, 216



128, 125, 121



0, 0, 0



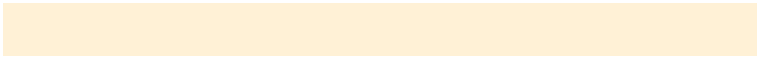
128, 128, 128

Same Dimension

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



237, 226, 205



255, 241, 214



232, 237, 205



117, 113, 106



181, 119, 0



54, 35, 0

Inverse Universe

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



205, 216, 237



214, 228, 255



210, 205, 237



106, 110, 117



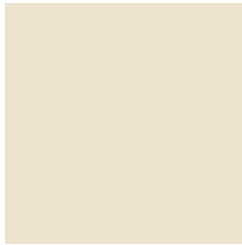
0, 62, 181



0, 18, 54

Previews

White Background



This preview shows how the RGB color 237, 226, 205 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 237, 226, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

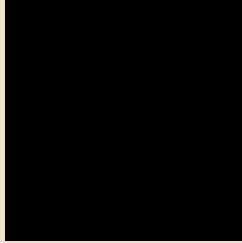
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

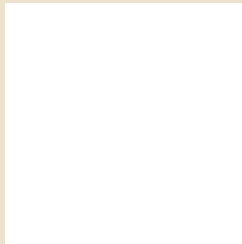
Any Text WCAG AAA ✓ Pass

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

RGB 237, 226, 205 Background



This preview shows how black text looks on a background with the RGB color 237, 226, 205.

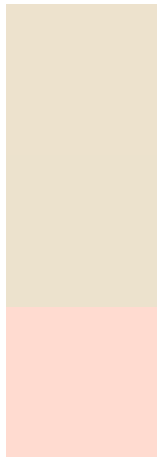


This preview shows how white text looks on a background with the RGB color 237, 226, 205.

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
[237, 226, 205](#)

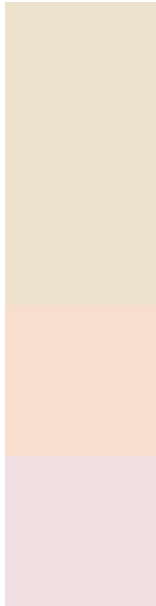
Protanopia
[236, 226, 205](#)

Deuteranopia
[255, 219, 208](#)



Tritanopia
242, 221, 238

Trichromacy



Original Color

237, 226, 205

Protanomaly

236, 226, 205

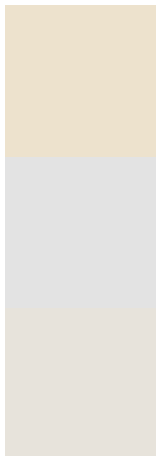
Deuteranomaly

248, 222, 207

Tritanomaly

240, 223, 226

Monochromacy



Original Color

237, 226, 205

Achromatopsia

227, 227, 227

Achromatomaly

231, 227, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 226, 205 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(237, 226, 205) looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 205)  
}
```

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(237, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 205) }
```

Border

The CSS property to change the border of an element to RGB 237, 226, 205 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(237, 226, 205) }
```

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

```
.border{ border-color:rgb(237, 226, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 237, 226, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 205) }
```

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

```
.background{ background-color: rgb(237,  
226, 205) }
```

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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