

Converting Colors

RGB(236, 230, 204)

Have a look what the booklet for
RGB(236, 230, 204) contains.

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Color

RGB(236, 230, 204)

Conversions

Conversions Part 1

Format	Color
Hex	ECE6CC
RGB	236, 230, 204
RGB Percent	93%, 90%, 80%
CMY	0.0745, 0.0980, 0.2000
CMYK	0.00, 0.03, 0.14, 0.07
HSL	49°, 46%, 86%
HSV	49°, 14%, 93%
XYZ	73.7880, 78.7861, 68.4449
YIQ	228.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

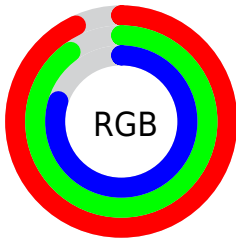
Format	Color
R _Y B	211, 236, 204
Decimal	15525580
CIE Lab	91.14, -2.26, 13.39
CIE LCh	91, 13.583, 99.594
Yxy	78.7861, 0.3339, 0.3565
Android (android.graphics.Color)	4293715660 (0xFFECE6CC)
YUV	228.8300, -12.2412, 6.2881
Hunter-Lab	88.7616, -6.9447, 16.4140

Details

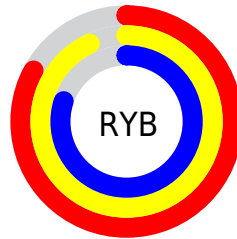
The RGB color **236, 230, 204** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **204, 210, 236**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 175, 150** is the 20% darker color. If you saturate the color by 10%, you get **236, 226, 180**, and if you desaturate by 10%, it is **236, 234, 228**.

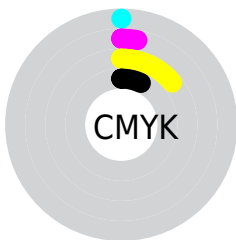
Distribution



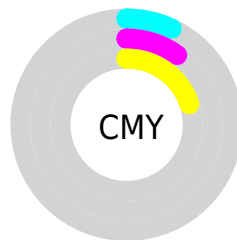
- Red (93%)
- Green (90%)
- Blue (80%)



- Red (83%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 230, 204 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 236, 230, 204 by changing the saturation by 10% instead.

■ 236, 230, 204

255, 255, 255

■ 236, 230, 204

■ 208, 202, 177

■ 180, 175, 150

■ 153, 148, 124

■ 127, 122, 99

■ 102, 97, 75

■ 78, 74, 52

■ 55, 51, 31

■ 33, 30, 8

■ 1, 6, 0

 236, 230, 204

 236, 230, 204

 236, 226, 180

 236, 234, 228

 236, 221, 157


 236, 239, 251

 236, 217, 133


 236, 243, 255

 236, 212, 110


 236, 248, 255

 236, 208, 86

 236, 252, 255

 236, 203, 62

 236, 255, 255

 236, 199, 39

 236, 195, 15

 236, 192, 0

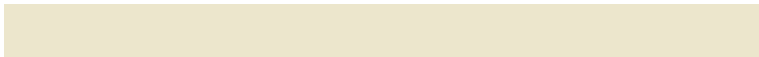
Harmonies

Analogous

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



249, 226, 206



236, 230, 204



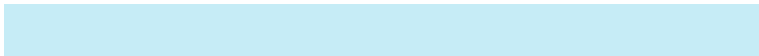
221, 234, 209

Triad

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



236, 230, 204



198, 236, 246



251, 222, 239

Complementary

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



236, 230, 204



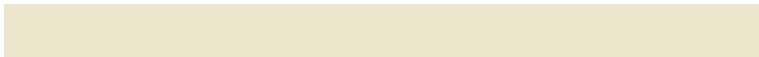
204, 210, 236

Split Complementary

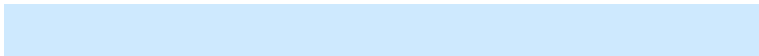
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 225, 250



236, 230, 204



206, 233, 254

Square

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



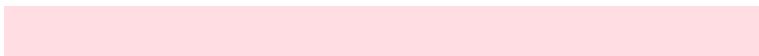
236, 230, 204



198, 237, 233



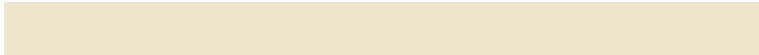
221, 229, 255



255, 221, 226

Rectangle

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



236, 230, 204



211, 236, 216



221, 229, 255



247, 223, 243

Sweetspot

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



236, 230, 204



255, 253, 245



236, 204, 210



128, 126, 121



0, 0, 0



128, 128, 128

Same Dimension

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



236, 230, 204



255, 247, 214



226, 236, 204



117, 115, 106



181, 147, 0



54, 44, 0

Inverse Universe

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



204, 210, 236



214, 222, 255



214, 204, 236



106, 108, 117



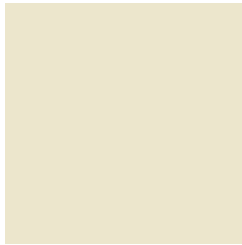
0, 34, 181



0, 10, 54

Previews

White Background



This preview shows how the RGB color 236, 230, 204 looks on a white background.

Color Contrast Check

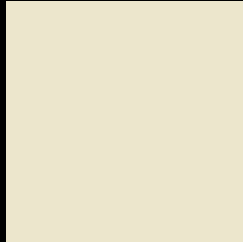
Large Text (above 18pt) WCAG AA × Fail

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 236, 230, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

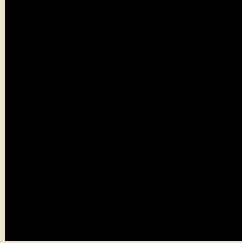
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

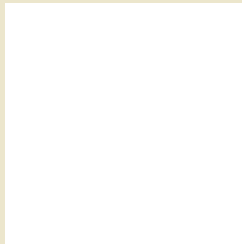
Any Text WCAG AAA ✓ Pass

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

RGB 236, 230, 204 Background



This preview shows how black text looks on a background with the RGB color 236, 230, 204.

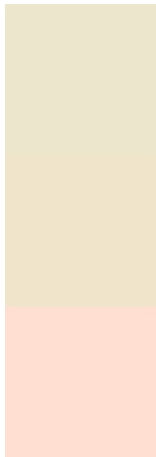


This preview shows how white text looks on a background with the RGB color 236, 230, 204.

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
236, 230, 204

Protanopia
240, 229, 203

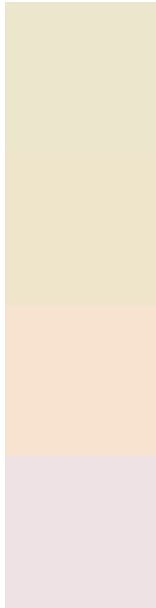
Deuteranopia
255, 223, 210



Tritanopia

241, 224, 242

Trichromacy



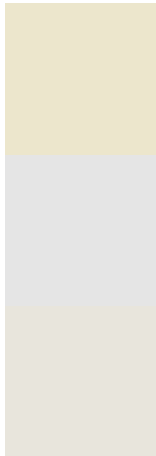
Original Color
236, 230, 204

Protanomaly
239, 229, 203

Deuteranomaly
248, 226, 208

Tritanomaly
239, 226, 228

Monochromacy



Original Color
236, 230, 204

Achromatopsia
229, 229, 229

Achromatomaly
232, 229, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 230, 204 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(236, 230, 204)` looks like.

```
.text, #text, p{  
    color:rgb(236, 230, 204)  
}
```

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(236, 230, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 230, 204) }
```

Border

The CSS property to change the border of an element to RGB 236, 230, 204 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(236, 230, 204) }
```

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

```
.border{ border-color:rgb(236, 230, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 230, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 230, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 230, 204);  
box-shadow:4px 4px 4px 4px rgb(236, 230,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 236, 230, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 230, 204) }
```

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

```
.background{ background-color: rgb(236,  
230, 204) }
```

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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