

Converting Colors

RGB(231, 230, 203)

Have a look what the booklet for
RGB(231, 230, 203) contains.

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Color

RGB(231, 230, 203)

Conversions

Conversions Part 1

Format	Color
Hex	E7E6CB
RGB	231, 230, 203
RGB Percent	91%, 90%, 80%
CMY	0.0941, 0.0980, 0.2039
CMYK	0.00, 0.00, 0.12, 0.09
HSL	58°, 37%, 85%
HSV	58°, 12%, 91%
XYZ	72.0313, 77.8943, 67.7386
YIQ	227.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

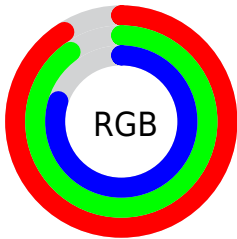
Format	Color
R _Y B	204, 231, 203
Decimal	15197899
CIE Lab	90.73, -4.19, 13.29
CIE LCh	91, 13.931, 107.508
Yxy	77.8943, 0.3309, 0.3579
Android (android.graphics.Color)	4293387979 (0xFFE7E6CB)
YUV	227.2210, -11.9410, 3.3142
Hunter-Lab	88.2578, -8.7689, 16.2749

Details

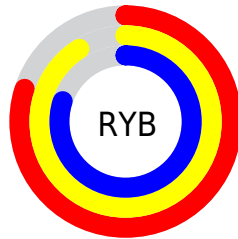
The RGB color **231, 230, 203** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **203, 204, 231**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 175, 149** is the 20% darker color. If you saturate the color by 10%, you get **231, 229, 180**, and if you desaturate by 10%, it is **231, 231, 226**.

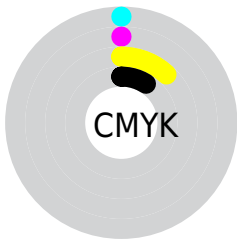
Distribution



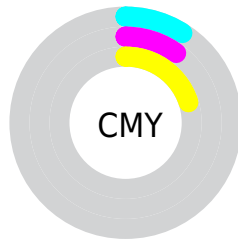
- Red (91%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 230, 203 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 231, 230, 203 by changing the saturation by 10% instead.

■ 231, 230, 203

255, 255, 255

■ 231, 230, 203

■ 203, 202, 176

■ 175, 175, 149

■ 149, 148, 123

■ 123, 122, 98

■ 98, 97, 74

■ 74, 74, 52

■ 51, 51, 30


■ 30, 30, 6

■ 0, 5, 0

 231, 230, 203

 231, 230, 203

 231, 229, 180


 231, 231, 226

 231, 228, 157


 231, 232, 249

 231, 228, 134


 231, 232, 255

 231, 227, 111


 231, 233, 255

 231, 226, 88


 231, 234, 255

 231, 225, 64


 231, 235, 255

 231, 224, 41

 231, 236, 255

 231, 223, 18

 231, 237, 255

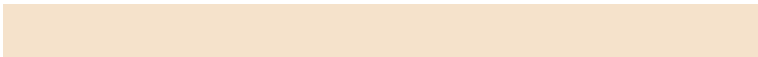
 231, 223, 0

 231, 237, 255

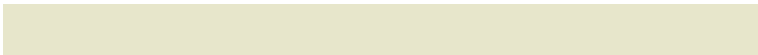
Harmonies

Analogous

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



245, 226, 203



231, 230, 203



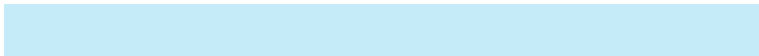
216, 234, 210

Triad

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



231, 230, 203



197, 235, 248



252, 220, 235

Complementary

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



231, 230, 203



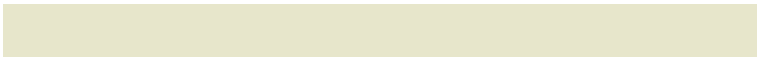
203, 204, 231

Split Complementary

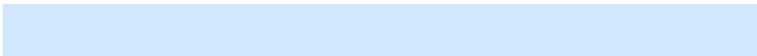
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 223, 247



231, 230, 203



208, 231, 254

Square

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



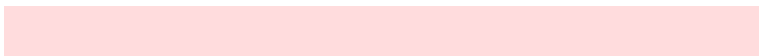
231, 230, 203



195, 236, 236



224, 227, 254



255, 220, 221

Rectangle

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



231, 230, 203



206, 235, 218



224, 227, 254



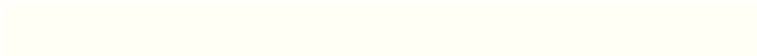
249, 221, 239

Sweetspot

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



231, 230, 203



255, 255, 245



231, 203, 204



128, 127, 121



0, 0, 0



128, 128, 128

Same Dimension

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



231, 230, 203



255, 254, 217



218, 231, 203



115, 114, 103



179, 172, 0



51, 49, 0

Inverse Universe

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



203, 204, 231



217, 218, 255



216, 203, 231



103, 104, 115



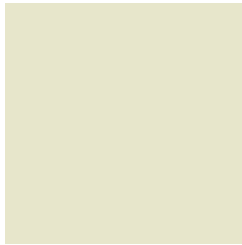
0, 6, 179



0, 2, 51

Previews

White Background



This preview shows how the RGB color 231, 230, 203 looks on a white background.

Color Contrast Check

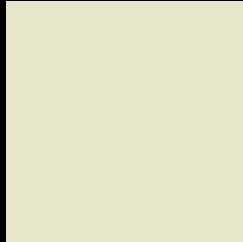
Large Text (above 18pt) WCAG AA × Fail

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 231, 230, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

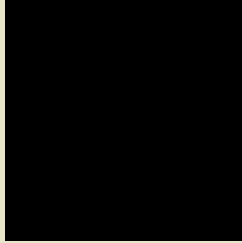
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

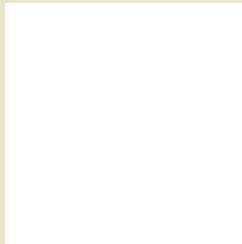
Any Text WCAG AAA ✓ Pass

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

RGB 231, 230, 203 Background



This preview shows how black text looks on a background with the RGB color 231, 230, 203.



This preview shows how white text looks on a background with the RGB color 231, 230, 203.

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
231, 230, 203

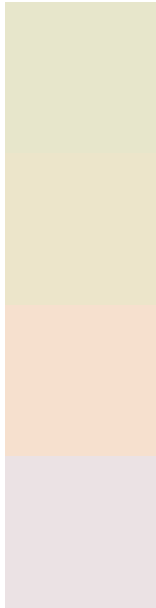
Protanopia
239, 228, 202

Deuteranopia
255, 221, 208



Tritanopia
237, 224, 242

Trichromacy



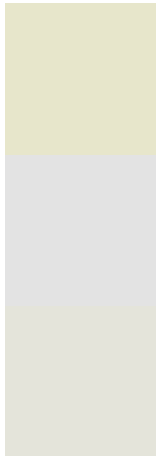
Original Color
231, 230, 203

Protanomaly
236, 229, 202

Deuteranomaly
246, 224, 206

Tritanomaly
235, 226, 228

Monochromacy



Original Color
231, 230, 203

Achromatopsia
227, 227, 227

Achromatomaly
228, 228, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 230, 203 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(231, 230, 203)` looks like.

```
.text, #text, p{  
    color:rgb(231, 230, 203)  
}
```

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(231, 230, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 230, 203) }
```

Border

The CSS property to change the border of an element to RGB 231, 230, 203 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(231, 230, 203) }
```

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

```
.border{ border-color:rgb(231, 230, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 230, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 230, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 230, 203);  
box-shadow:4px 4px 4px 4px rgb(231, 230,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 231, 230, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 230, 203) }
```

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

```
.background{ background-color: rgb(231,  
230, 203) }
```

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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