

Converting Colors

RGB(234, 226, 181)

Have a look what the booklet for
RGB(234, 226, 181) contains.

RGB(234, 226, 181)	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(234, 226, 181)

Conversions

Conversions Part 1

Format	Color
Hex	EAE2B5
RGB	234, 226, 181
RGB Percent	92%, 89%, 71%
CMY	0.0824, 0.1137, 0.2902
CMYK	0.00, 0.03, 0.23, 0.08
HSL	51°, 56%, 81%
HSV	51°, 23%, 92%
XYZ	69.4685, 75.2213, 54.5738
YIQ	223.2620, 19.2130, -12.2990

Conversions

Conversions Part 2

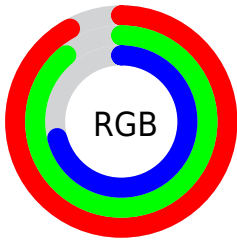
Format	Color
RYB	190, 234, 181
Decimal	15393461
CIELab	89.50, -4.34, 23.02
CIELCh	89, 23.427, 100.673
Yxy	75.2213, 0.3486, 0.3775
Android (android.graphics.Color)	4293583541 (0xFFEAE2B5)
YUV	223.2620, -20.8352, 9.4172
Hunter-Lab	86.7302, -8.8043, 23.4037

Details

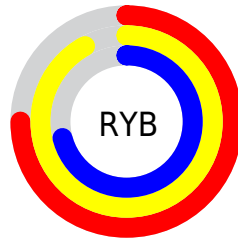
The RGB color **234, 226, 181** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **181, 189, 234**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 237**, and **178, 171, 128** is the 20% darker color. If you saturate the color by 10%, you get **234, 222, 158**, and if you desaturate by 10%, it is **234, 230, 204**.

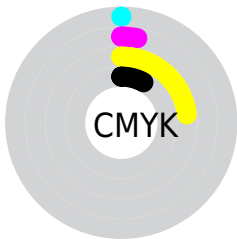
Distribution



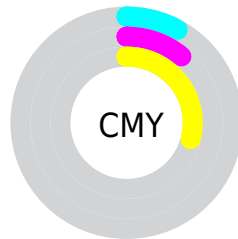
- Red (92%)
- Green (89%)
- Blue (71%)



- Red (75%)
- Yellow (92%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 226, 181 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 234, 226, 181 by changing the saturation by 10% instead.

 234, 226, 181


255, 255, 255


 255, 255, 237

 234, 226, 181


 206, 198, 154


 178, 171, 128

 151, 144, 103

 124, 119, 78

 99, 94, 55

 75, 71, 33

 51, 48, 11

 30, 27, 0

 0, 0, 0

 234, 226, 181

 234, 226, 181

 234, 222, 158


 234, 230, 204

 234, 219, 134


 234, 233, 228

 234, 215, 111

 234, 237, 251

 234, 212, 87


 234, 240, 255

 234, 208, 64

 234, 244, 255

 234, 205, 41

 234, 247, 255

 234, 201, 17

 234, 251, 255

 234, 199, 0

 234, 254, 255

 234, 255, 255

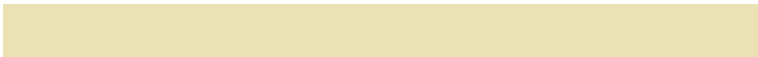
Harmonies

Analogous

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



255, 219, 183



234, 226, 181



209, 232, 191

Triad

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



234, 226, 181



166, 236, 253



255, 211, 240

Complementary

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



234, 226, 181



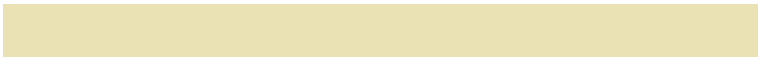
181, 189, 234

Split Complementary

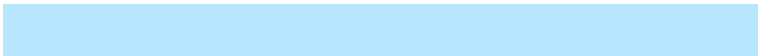
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239, 217, 255



234, 226, 181



182, 231, 255

Square

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



234, 226, 181



167, 238, 232



210, 224, 255



255, 209, 218

Rectangle

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



234, 226, 181



192, 236, 202



210, 224, 255



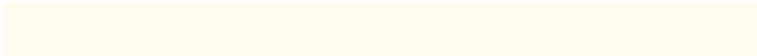
255, 212, 247

Sweetspot

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



234, 226, 181



255, 252, 237



234, 181, 190



128, 126, 117



0, 0, 0



128, 128, 128

Same Dimension

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



234, 226, 181



255, 245, 186



216, 234, 181



117, 116, 106



181, 154, 0



54, 45, 0

Inverse Universe

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



181, 189, 234



186, 197, 255



199, 181, 234



106, 107, 117



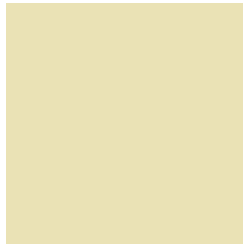
0, 27, 181



0, 8, 54

Previews

White Background



This preview shows how the RGB color 234, 226, 181 looks on a white background.

Color Contrast Check

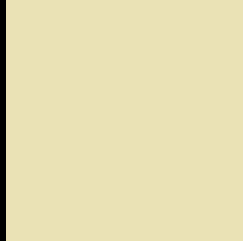
Large Text (above 18pt) WCAG AA × Fail

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 234, 226, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

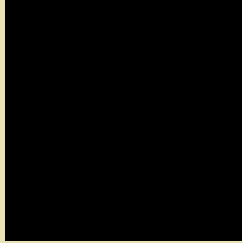
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

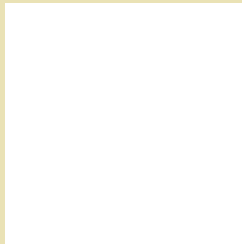
Any Text WCAG AAA ✓ Pass

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

RGB 234, 226, 181 Background



This preview shows how black text looks on a background with the RGB color 234, 226, 181.



This preview shows how white text looks on a background with the RGB color 234, 226, 181.

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](#).

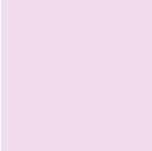
Dichromacy



Original Color
234, 226, 181

Protanopia
239, 224, 180

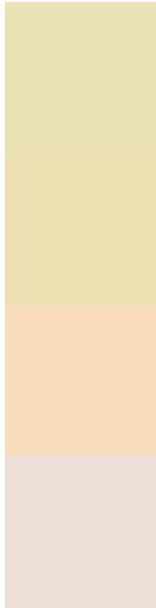
Deuteranopia
255, 218, 191



Tritanopia

241, 219, 236

Trichromacy



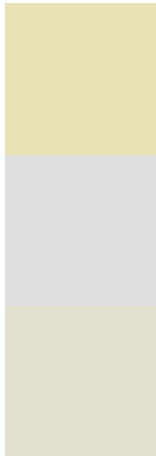
Original Color
234, 226, 181

Protanomaly
237, 225, 180

Deuteranomaly
247, 221, 187

Tritanomaly
238, 222, 216

Monochromacy



Original Color
234, 226, 181

Achromatopsia
223, 223, 223

Achromatomaly
227, 224, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 226, 181 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(234, 226, 181)` looks like.

```
.text, #text, p{  
    color:rgb(234, 226, 181)  
}
```

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(234, 226, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 226, 181) }
```

Border

The CSS property to change the border of an element to RGB 234, 226, 181 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(234, 226, 181) }
```

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

```
.border{ border-color:rgb(234, 226, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 226, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 226, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 226, 181);  
box-shadow:4px 4px 4px 4px rgb(234, 226,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 234, 226, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 226, 181) }
```

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

```
.background{ background-color: rgb(234,  
226, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor