

Converting Colors

RGB(245, 230, 175)

Have a look what the booklet for
RGB(245, 230, 175) contains.

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Color

RGB(245, 230, 175)

Conversions

Conversions Part 1

Format	Color
Hex	F5E6AF
RGB	245, 230, 175
RGB Percent	96%, 90%, 69%
CMY	0.0392, 0.0980, 0.3137
CMYK	0.00, 0.06, 0.29, 0.04
HSL	47°, 78%, 82%
HSV	47°, 29%, 96%
XYZ	73.6909, 79.1013, 51.9416
YIQ	228.2150, 26.5950, -13.9250

Conversions

Conversions Part 2

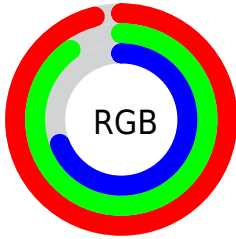
Format	Color
RYB	194, 245, 175
Decimal	16115375
CIELab	91.28, -3.08, 28.69
CIELCh	91, 28.858, 96.127
Yxy	79.1013, 0.3599, 0.3864
Android (android.graphics.Color)	4294305455 (0xFFFF5E6AF)
YUV	228.2150, -26.2350, 14.7204
Hunter-Lab	88.9389, -7.7458, 27.6310

Details

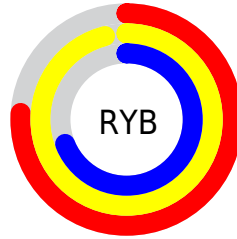
The RGB color **245, 230, 175** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **175, 190, 245**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 231**, and **188, 175, 122** is the 20% darker color. If you saturate the color by 10%, you get **245, 225, 150**, and if you desaturate by 10%, it is **245, 235, 200**.

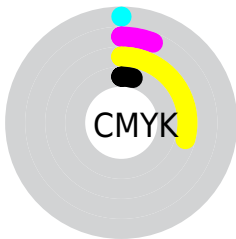
Distribution



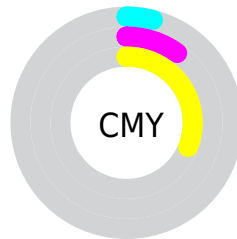
- Red (96%)
- Green (90%)
- Blue (69%)



- Red (76%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 230, 175 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 245, 230, 175 by changing the saturation by 10% instead.

 245, 230, 175

 245, 230, 175

255, 255, 255

 216, 202, 148

 255, 255, 231

 188, 175, 122

 160, 148, 97

 134, 122, 73

 108, 98, 49

 82, 74, 27

 58, 51, 3

 35, 30, 0

 0, 7, 0

 245, 230, 175

 245, 230, 175

 245, 225, 150


 245, 235, 200

 245, 220, 126


 245, 241, 224

 245, 214, 102


 245, 246, 249

 245, 209, 77

 245, 251, 255

 245, 204, 52

 245, 255, 255

 245, 198, 28

 245, 193, 3

 245, 192, 0

Harmonies

Analogous

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



255, 221, 180



245, 230, 175



214, 238, 185

Triad

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



245, 230, 175



151, 244, 255



255, 213, 253

Complementary

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



245, 230, 175



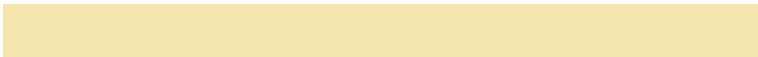
175, 190, 245

Split Complementary

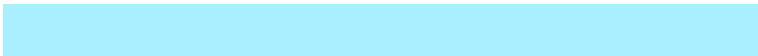
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 221, 255



245, 230, 175



170, 239, 255

Square

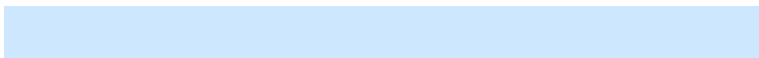
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 230, 175



158, 246, 235



205, 231, 255



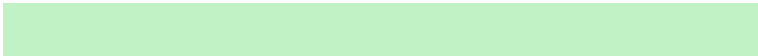
255, 210, 225

Rectangle

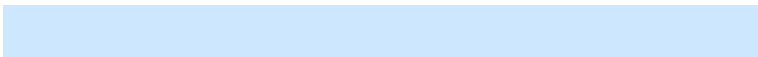
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 230, 175



193, 242, 198



205, 231, 255



255, 215, 255

Sweetspot

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



245, 230, 175



255, 250, 232



245, 175, 190



128, 124, 113



0, 0, 0



128, 128, 128

Same Dimension

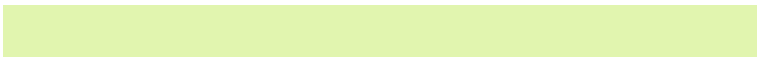
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 230, 175



255, 236, 168



225, 245, 175



122, 120, 110



186, 146, 0



59, 46, 0

Inverse Universe

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



175, 190, 245



168, 187, 255



195, 175, 245



110, 113, 122



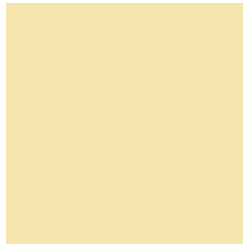
0, 40, 186



0, 13, 59

Previews

White Background



This preview shows how the RGB color 245, 230, 175 looks on a white background.

Color Contrast Check

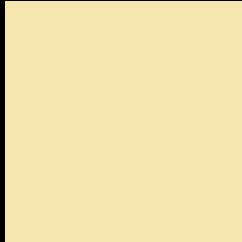
Large Text (above 18pt) WCAG AA × Fail

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 245, 230, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

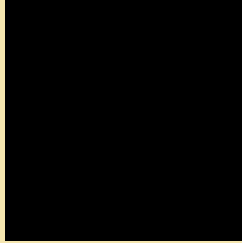
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

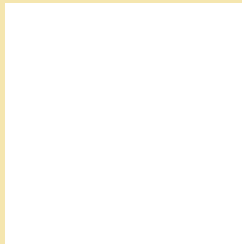
Any Text WCAG AAA ✓ Pass

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

RGB 245, 230, 175 Background



This preview shows how black text looks on a background with the RGB color 245, 230, 175.

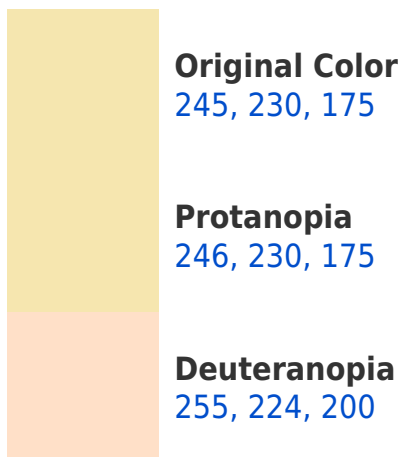


This preview shows how white text looks on a background with the RGB color 245, 230, 175.

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](#).

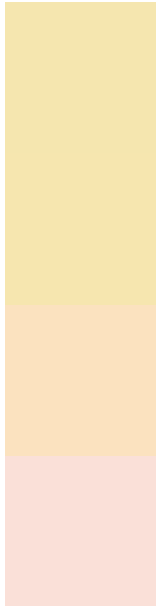
Dichromacy





Tritanopia
253, 221, 239

Trichromacy



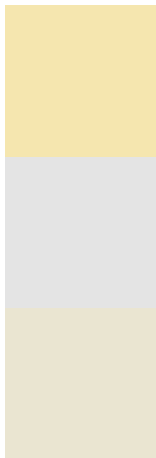
Original Color
245, 230, 175

Protanomaly
246, 230, 175

Deuteranomaly
251, 226, 191

Tritanomaly
250, 224, 216

Monochromacy



Original Color
245, 230, 175

Achromatopsia
228, 228, 228

Achromatomaly
234, 229, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 230, 175 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(245, 230, 175)` looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 175)  
}
```

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(245, 230, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 175) }
```

Border

The CSS property to change the border of an element to RGB 245, 230, 175 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(245, 230, 175) }
```

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

```
.border{ border-color:rgb(245, 230, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 175);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 245, 230, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 175) }
```

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

```
.background{ background-color: rgb(245,  
230, 175) }
```

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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