Converting Colors

RGB(245, 229, 181)

Have a look what the booklet for RGB(245, 229, 181) contains.

Color

RGB(245, 229, 181)

Conversions

Conversions Part 1

Format	Color
Hex	F5E5B5
RGB	245, 229, 181
RGB Percent	96%, 90%, 71%
CMY	0.0392, 0.1020, 0.2902
CMYK	0.00, 0.07, 0.26, 0.04
HSL	45°, 76%, 84%
HSV	45°, 26%, 96%
XYZ	74.0160, 78.7873, 55.0225
YIQ	228.3120, 24.9440, -11.5360

Conversions

Conversions Part 2

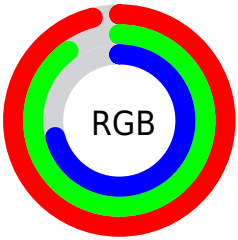
Format	Color
RYB	202, 245, 181
Decimal	16115125
CIELab	91.14, -1.79, 25.42
CIELCh	91, 25.481, 94.036
Yxy	78.7873, 0.3561, 0.3791
Android (android.graphics.Color)	4294305205 (0xFFF5E5B5)
YUV	228.3120, -23.3248, 14.6354
Hunter-Lab	88.7622, -6.4884, 25.3805

Details

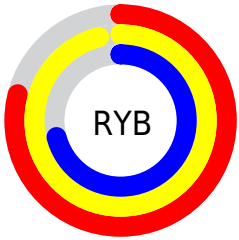
The RGB color 245, 229, 181 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 181, 197, 245, and the grayscale version is 229, 229, 229.

A 20% lighter version of the original color is 255, 255, 237, and 188, 174, 128 is the 20% darker color. If you saturate the color by 10%, you get 245, 223, 157, and if you desaturate by 10%, it is 245, 235, 206.

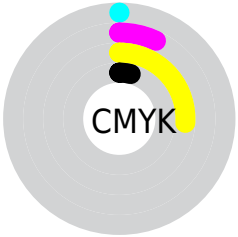
Distribution



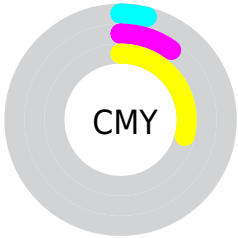
- Red (96%)
- Green (90%)
- Blue (71%)



- Red (79%)
- Yellow (96%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 229, 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 245, 229, 181 by changing the saturation by 10% instead.

245, 229, 181

255, 255, 255

255, 255, 237

245, 229, 181

216, 201, 154

188, 174, 128

161, 147, 103

134, 121, 78

108, 97, 55

83, 73, 33

59, 51, 10

36, 30, 0

2, 5, 0

245, 229, 181

245, 223, 157

245, 217, 132

245, 211, 108

245, 205, 83

245, 198, 59

245, 192, 34

245, 186, 10

245, 184, 0

245, 229, 181

245, 235, 206

245, 241, 230

245, 247, 255

245, 254, 255

245, 255, 255

Harmonies

Analogous

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

255, 221, 186

245, 229, 181

218, 236, 189

Triad

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

245, 229, 181

162, 242, 255

255, 215, 251

Complementary

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

245, 229, 181

181, 197, 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.

238, 222, 255

245, 229, 181

176, 238, 255

Square

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

245, 229, 181

169, 244, 232

206, 231, 255

255, 212, 227

Rectangle

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

245, 229, 181

199, 240, 200

206, 231, 255

255, 217, 255

Sweetspot

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

245, 229, 181

255, 250, 235

245, 181, 197

128, 124, 115

0, 0, 0

128, 128, 128

Same Dimension

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

245, 229, 181

255, 235, 176

229, 245, 181

122, 119, 110

186, 140, 0

59, 44, 0

Inverse Universe

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

181, 197, 245

176, 196, 255

197, 181, 245

110, 113, 122

0, 47, 186

0, 15, 59

Previews

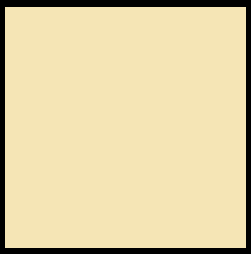
White Background

This preview shows how the RGB color 245, 229, 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



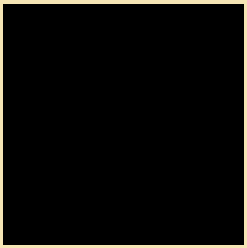
This preview shows how the RGB color 245, 229, 181 looks on a black background.

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 245, 229, 181 Background



This preview shows how black text looks on a background with the RGB color 245, 229, 181.

This preview shows how white text looks on a background with the RGB color 245, 229, 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
245, 229, 181

Protanopia
244, 229, 181

Deuteranopia
255, 224, 201

Tritanopia
252, 221, 238

Trichromacy

Original Color
245, 229, 181

Protanomaly
244, 229, 181

Deuteranomaly
251, 226, 194

Tritanomaly
249, 224, 217

Monochromacy

Original Color
245, 229, 181

Achromatopsia
228, 228, 228

Achromatomaly
234, 228, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 229, 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(245, 229, 181) looks like.

```
.text, #text, p{
    color:rgb(245, 229, 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(245, 229, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 181) }
```

Border

The CSS property to change the border of an element to RGB 245, 229, 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(245, 229, 181) }
```

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

```
.border{ border-color:rgb(245, 229, 181) }
```

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

Here you see how a box with a 4 pixel rgb(245, 229, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 229, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 229, 181); box-shadow:4px 4px 4px 4px rgb(245, 229, 181) }
```

Background

The CSS property to change the background color of an element to RGB 245, 229, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(245, 229, 181) }
```

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

```
.background{ background-color:rgb(245,
229, 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.

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