

Converting Colors

RGB(245, 227, 204)

Have a look what the booklet for
RGB(245, 227, 204) contains.

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Color

RGB(245, 227, 204)

Conversions

Conversions Part 1

Format	Color
Hex	F5E3CC
RGB	245, 227, 204
RGB Percent	96%, 89%, 80%
CMY	0.0392, 0.1098, 0.2000
CMYK	0.00, 0.07, 0.17, 0.04
HSL	34°, 67%, 88%
HSV	34°, 17%, 96%
XYZ	76.0244, 78.7103, 68.3124
YIQ	229.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

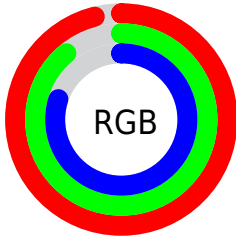
Format	Color
R _Y B	236, 245, 204
Decimal	16114636
CIE Lab	91.10, 2.48, 13.44
CIE LCh	91, 13.672, 79.545
Yxy	78.7103, 0.3408, 0.3529
Android (android.graphics.Color)	4294304716 (0xFF5E3C)
YUV	229.7600, -12.6997, 13.3655
Hunter-Lab	88.7188, -2.2989, 16.4506

Details

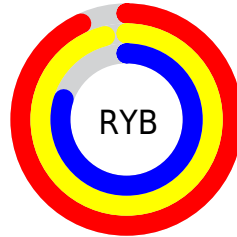
The RGB color **245, 227, 204** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **204, 222, 245**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **188, 172, 150** is the 20% darker color. If you saturate the color by 10%, you get **245, 216, 180**, and if you desaturate by 10%, it is **245, 238, 229**.

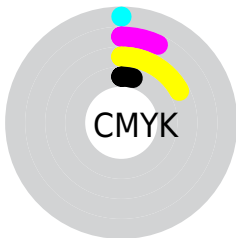
Distribution



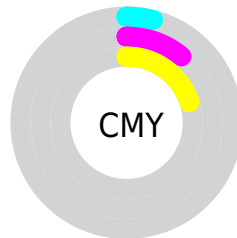
- Red (96%)
- Green (89%)
- Blue (80%)



- Red (93%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 227, 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 245, 227, 204 by changing the saturation by 10% instead.

■ 245, 227, 204

255, 255, 255

■ 245, 227, 204

■ 216, 199, 177

■ 188, 172, 150

■ 161, 145, 124

■ 135, 120, 99

■ 109, 95, 75

■ 85, 71, 52

■ 61, 49, 31

■ 39, 28, 8

■ 12, 2, 0

 245, 227, 204

 245, 227, 204

 245, 216, 180

 245, 238, 229


 245, 205, 155


 245, 249, 253


 245, 195, 131

 245, 255, 255

 245, 184, 106

 245, 173, 82

 245, 162, 57

 245, 152, 32

 245, 141, 8

 245, 137, 0

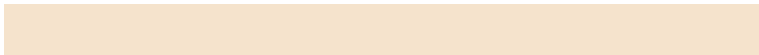
Harmonies

Analogous

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



255, 223, 210



245, 227, 204



231, 231, 205

Triad

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



245, 227, 204



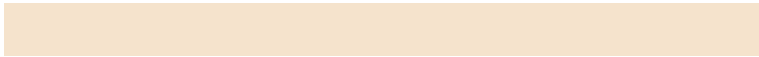
197, 237, 238



242, 224, 247

Complementary

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



245, 227, 204



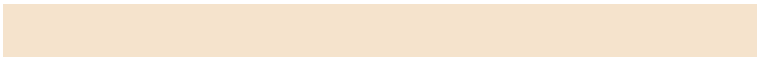
204, 222, 245

Split Complementary

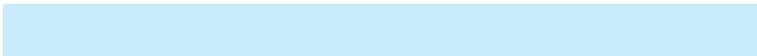
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 228, 254



245, 227, 204



199, 235, 249

Square

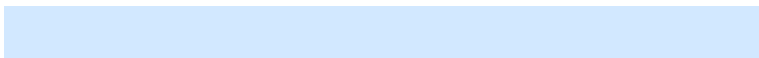
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 227, 204



203, 237, 224



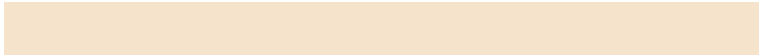
210, 232, 255



254, 221, 235

Rectangle

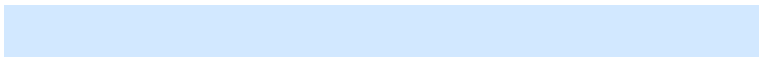
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 227, 204



221, 234, 209



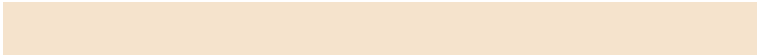
210, 232, 255



237, 225, 250

Sweetspot

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



245, 227, 204



255, 249, 242



245, 204, 222



128, 124, 120



0, 0, 0



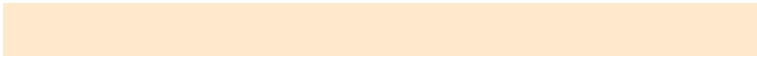
128, 128, 128

Same Dimension

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



245, 227, 204



255, 233, 204



243, 245, 204



122, 117, 110



186, 104, 0



59, 33, 0

Inverse Universe

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



204, 222, 245



204, 226, 255



206, 204, 245



110, 116, 122



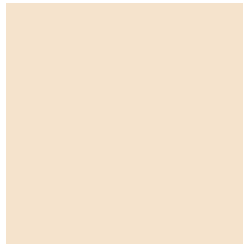
0, 82, 186



0, 26, 59

Previews

White Background



This preview shows how the RGB color 245, 227, 204 looks on a white background.

Color Contrast Check

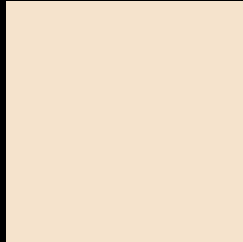
Large Text (above 18pt) WCAG AA × Fail

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 245, 227, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

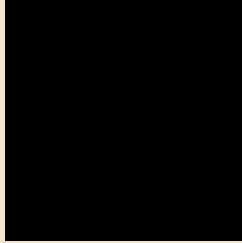
Any Text WCAG AA ✓ Pass

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 245, 227, 204 Background



This preview shows how black text looks on a background with the RGB color 245, 227, 204.

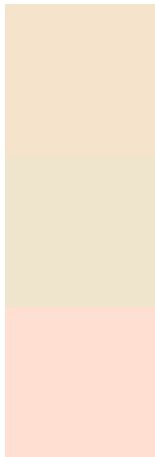


This preview shows how white text looks on a background with the RGB color 245, 227, 204.

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
245, 227, 204

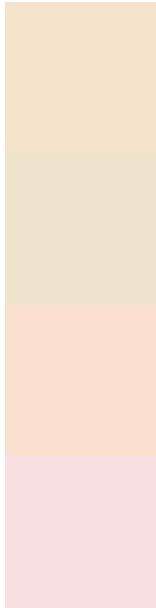
Protanopia
239, 229, 205

Deuteranopia
255, 223, 210



Tritanopia
250, 222, 239

Trichromacy



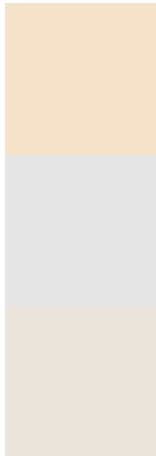
Original Color
245, 227, 204

Protanomaly
241, 228, 205

Deuteranomaly
251, 224, 208

Tritanomaly
248, 224, 226

Monochromacy



Original Color
245, 227, 204

Achromatopsia
230, 230, 230

Achromatomaly
235, 229, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 227, 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(245, 227, 204)` looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 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(245, 227, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 204) }
```

Border

The CSS property to change the border of an element to RGB 245, 227, 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(245, 227, 204) }
```

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

```
.border{ border-color:rgb(245, 227, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 227, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 227, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 227, 204);  
box-shadow:4px 4px 4px 4px rgb(245, 227,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 245, 227, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 204) }
```

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

```
.background{ background-color: rgb(245,  
227, 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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