

Converting Colors

RGB(247, 232, 207)

Have a look what the booklet for
RGB(247, 232, 207) contains.

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Color

RGB(247, 232, 207)

Conversions

Conversions Part 1

Format	Color
Hex	F7E8CF
RGB	247, 232, 207
RGB Percent	97%, 91%, 81%
CMY	0.0314, 0.0902, 0.1882
CMYK	0.00, 0.06, 0.16, 0.03
HSL	37°, 71%, 89%
HSV	37°, 16%, 97%
XYZ	78.4769, 81.9924, 70.7214
YIQ	233.6350, 16.9650, -4.5950

Conversions

Conversions Part 2

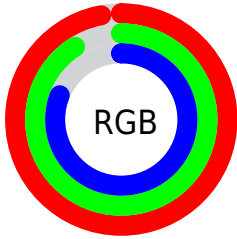
Format	Color
R_{YB}	231, 247, 207
Decimal	16246991
CIE _{Lab}	92.57, 1.09, 13.99
CIE _{LCh}	93, 14.030, 85.546
Y _{xy}	81.9924, 0.3394, 0.3547
Android (android.graphics.Color)	4294437071 (0xFFFF7E8CF)
Y _{UV}	233.6350, -13.1311, 11.7211
Hunter-Lab	90.5496, -3.7609, 17.0779

Details

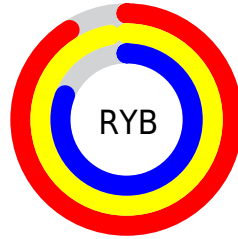
The RGB color **247, 232, 207** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **207, 222, 247**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **190, 176, 153** is the 20% darker color. If you saturate the color by 10%, you get **247, 223, 182**, and if you desaturate by 10%, it is **247, 241, 232**.

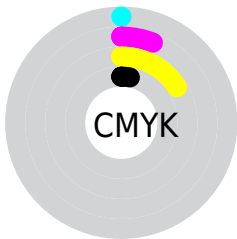
Distribution



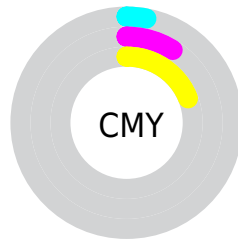
- Red (97%)
- Green (91%)
- Blue (81%)



- Red (91%)
- Yellow (97%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 232, 207 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 247, 232, 207 by changing the saturation by 10% instead.

■ 247, 232, 207

255, 255, 255

■ 247, 232, 207

■ 218, 204, 179

■ 190, 176, 153

■ 163, 150, 127

■ 137, 124, 102

■ 111, 99, 78

■ 86, 75, 55

■ 63, 53, 33

■ 40, 32, 11

■ 16, 8, 0

 247, 232, 207

 247, 232, 207

 247, 223, 182

 247, 241, 232


 247, 213, 158


 247, 251, 255

 247, 204, 133

 247, 255, 255

 247, 195, 108

 247, 186, 84

 247, 176, 59

 247, 167, 34

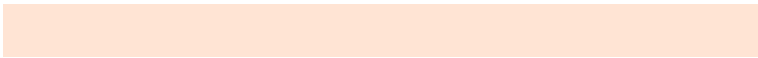
 247, 158, 9

 247, 154, 0

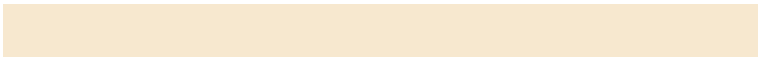
Harmonies

Analogous

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



255, 228, 212



247, 232, 207



232, 236, 209

Triad

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



247, 232, 207



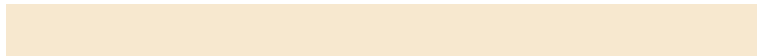
200, 241, 245



250, 227, 249

Complementary

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



247, 232, 207



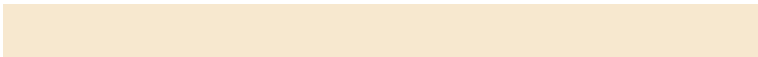
207, 222, 247

Split Complementary

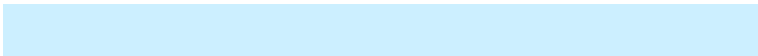
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 231, 255



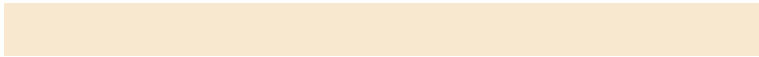
247, 232, 207



204, 239, 255

Square

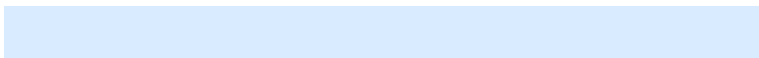
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 232, 207



205, 242, 231



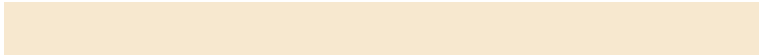
217, 235, 255



255, 225, 236

Rectangle

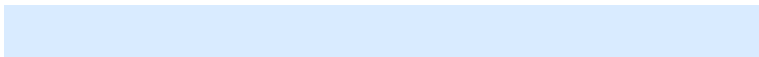
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 232, 207



222, 239, 215



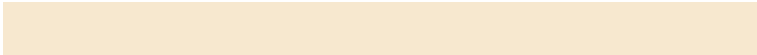
217, 235, 255



245, 228, 253

Sweetspot

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



247, 232, 207



255, 250, 242



247, 207, 222



128, 125, 120



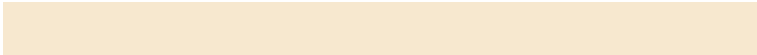
0, 0, 0



128, 128, 128

Same Dimension

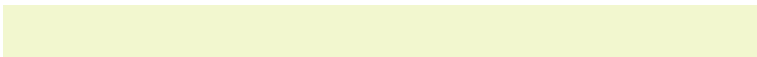
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 232, 207



255, 237, 207



242, 247, 207



122, 118, 110



186, 116, 0



59, 37, 0

Inverse Universe

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



207, 222, 247



207, 225, 255



212, 207, 247



110, 115, 122



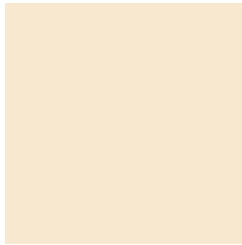
0, 70, 186



0, 22, 59

Previews

White Background



This preview shows how the RGB color 247, 232, 207 looks on a white background.

Color Contrast Check

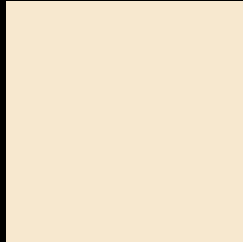
Large Text (above 18pt) WCAG AA × Fail

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 247, 232, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

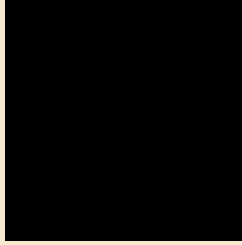
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

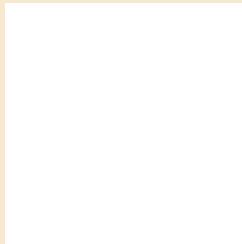
Any Text WCAG AAA ✓ Pass

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

RGB 247, 232, 207 Background



This preview shows how black text looks on a background with the RGB color 247, 232, 207.

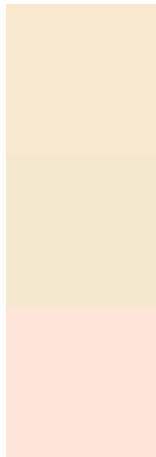


This preview shows how white text looks on a background with the RGB color 247, 232, 207.

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
247, 232, 207

Protanopia
244, 233, 208

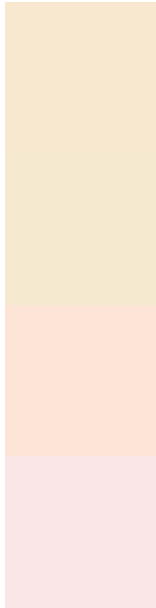
Deuteranopia
255, 228, 218



Tritanopia

252, 227, 244

Trichromacy



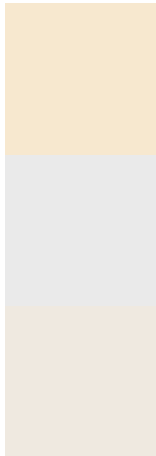
Original Color
247, 232, 207

Protanomaly
245, 233, 208

Deuteranomaly
252, 229, 214

Tritanomaly
250, 229, 231

Monochromacy



Original Color
247, 232, 207

Achromatopsia
234, 234, 234

Achromatomaly
239, 233, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 232, 207 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(247, 232, 207)` looks like.

```
.text, #text, p{  
    color:rgb(247, 232, 207)  
}
```

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(247, 232, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 232, 207) }
```

Border

The CSS property to change the border of an element to RGB 247, 232, 207 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(247, 232, 207) }
```

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

```
.border{ border-color:rgb(247, 232, 207) }
```

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

Here you see how a box with a 4 pixel rgb(247, 232, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 232, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 232, 207);  
box-shadow:4px 4px 4px 4px rgb(247, 232,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 247, 232, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 232, 207) }
```

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

```
.background{ background-color: rgb(247,  
232, 207) }
```

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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