

Converting Colors

RGB(251, 231, 207)

Have a look what the booklet for
RGB(251, 231, 207) contains.

RGB(251, 231, 207)	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(251, 231, 207)

Conversions

Conversions Part 1

Format	Color
Hex	FBE7CF
RGB	251, 231, 207
RGB Percent	98%, 91%, 81%
CMY	0.0157, 0.0941, 0.1882
CMYK	0.00, 0.08, 0.18, 0.02
HSL	33°, 85%, 90%
HSV	33°, 18%, 98%
XYZ	79.6221, 82.1661, 70.6946
YIQ	234.2440, 19.6240, -3.2240

Conversions

Conversions Part 2

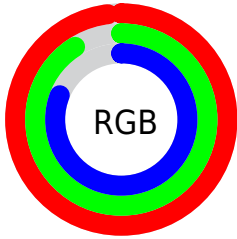
Format	Color
RYB	244, 251, 207
Decimal	16508879
CIELab	92.65, 3.03, 14.14
CIElCh	93, 14.462, 77.906
Yxy	82.1661, 0.3425, 0.3534
Android (android.graphics.Color)	4294698959 (0xFFFFBE7CF)
YUV	234.2440, -13.4313, 14.6950
Hunter-Lab	90.6455, -1.8371, 17.2115

Details

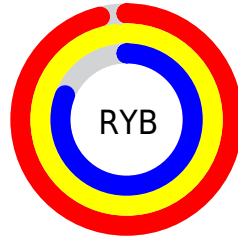
The RGB color **251, 231, 207** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **207, 227, 251**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **194, 175, 153** is the 20% darker color. If you saturate the color by 10%, you get **251, 220, 182**, and if you desaturate by 10%, it is **251, 242, 232**.

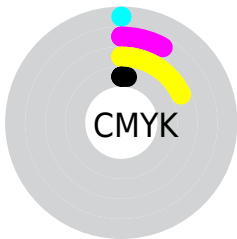
Distribution



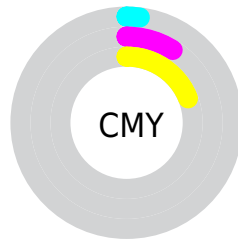
- Red (98%)
- Green (91%)
- Blue (81%)



- Red (96%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 231, 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 251, 231, 207 by changing the saturation by 10% instead.

■ 251, 231, 207

255, 255, 255

■ 251, 231, 207

■ 222, 203, 179

■ 194, 175, 153

■ 167, 149, 127

■ 140, 123, 102

■ 114, 98, 78

■ 89, 74, 55

■ 65, 52, 33

■ 43, 31, 11

■ 20, 7, 0

251, 231, 207

251, 231, 207

251, 220, 182

251, 242, 232

251, 208, 157

251, 254, 255

251, 197, 132

251, 255, 255

251, 185, 107

251, 174, 82

251, 163, 56

251, 151, 31

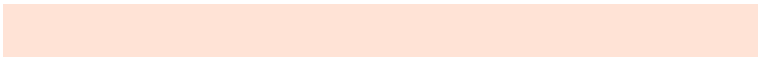
251, 140, 6

251, 137, 0

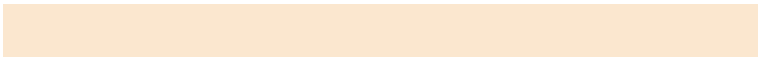
Harmonies

Analogous

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



255, 227, 214



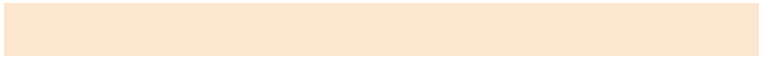
251, 231, 207



236, 236, 207

Triad

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



251, 231, 207



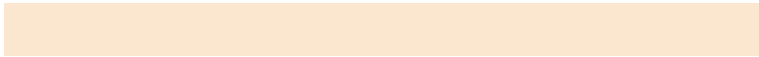
199, 242, 242



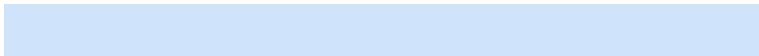
247, 228, 253

Complementary

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



251, 231, 207



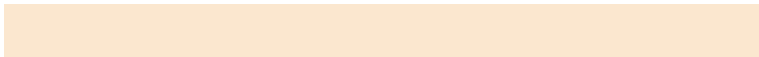
207, 227, 251

Split Complementary

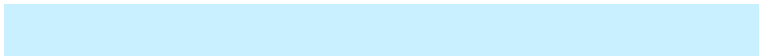
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 232, 255



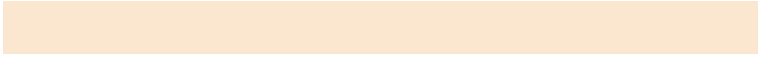
251, 231, 207



201, 240, 254

Square

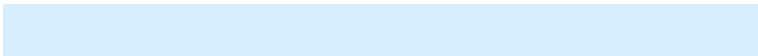
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251, 231, 207



206, 242, 228



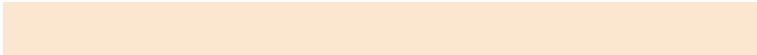
213, 237, 255



255, 225, 240

Rectangle

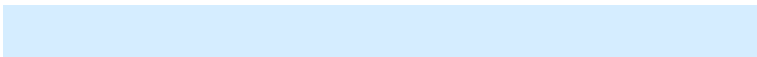
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 231, 207



226, 238, 212



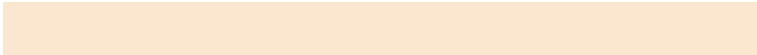
213, 237, 255



241, 229, 255

Sweetspot

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



251, 231, 207



255, 249, 242



251, 207, 228



128, 124, 120



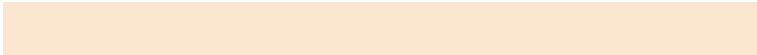
0, 0, 0



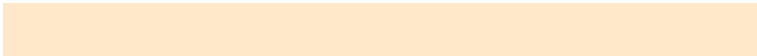
128, 128, 128

Same Dimension

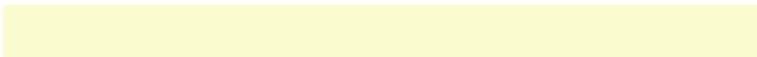
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 231, 207



255, 231, 201



250, 251, 207



125, 119, 112



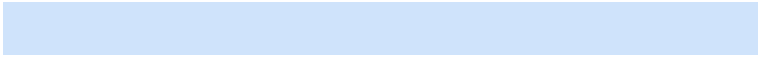
189, 103, 0



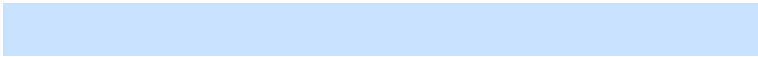
61, 33, 0

Inverse Universe

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



207, 227, 251



201, 226, 255



208, 207, 251



112, 118, 125



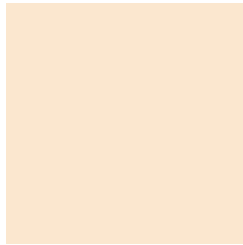
0, 86, 189



0, 28, 61

Previews

White Background



This preview shows how the RGB color 251, 231, 207 looks on a white background.

Color Contrast Check

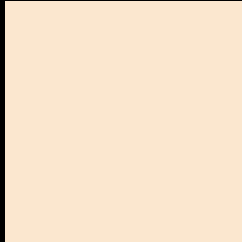
Large Text (above 18pt) WCAG AA × Fail

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 251, 231, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

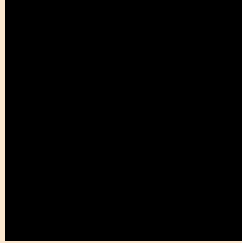
Any Text WCAG AA ✓ Pass

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 251, 231, 207 Background



This preview shows how black text looks on a background with the RGB color 251, 231, 207.

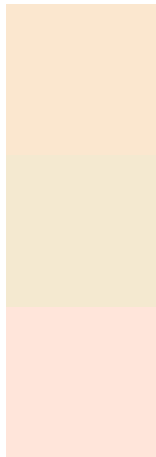


This preview shows how white text looks on a background with the RGB color 251, 231, 207.

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
251, 231, 207

Protanopia
244, 233, 208

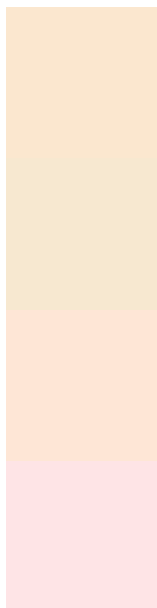
Deuteranopia
255, 229, 218



Tritanopia

255, 226, 243

Trichromacy



Original Color

251, 231, 207

Protanomaly

247, 232, 208

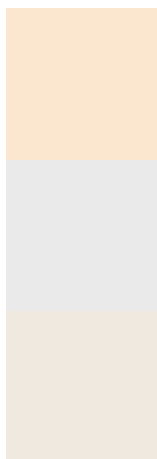
Deuteranomaly

254, 230, 214

Tritanomaly

254, 228, 230

Monochromacy



Original Color

251, 231, 207

Achromatopsia

234, 234, 234

Achromatomaly

240, 233, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 231, 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(251, 231, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 231, 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(251, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 231, 207) }
```

Border

The CSS property to change the border of an element to RGB 251, 231, 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(251, 231, 207) }
```

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

```
.border{ border-color:rgb(251, 231, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 231, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 231, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 231, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 231,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 251, 231, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 231, 207) }
```

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

```
.background{ background-color: rgb(251,  
231, 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](#).

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