

Converting Colors

RGB(247, 216, 196)

Have a look what the booklet for
RGB(247, 216, 196) contains.

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Color

RGB(247, 216, 196)

Conversions

Conversions Part 1

Format	Color
Hex	F7D8C4
RGB	247, 216, 196
RGB Percent	97%, 85%, 77%
CMY	0.0314, 0.1529, 0.2314
CMYK	0.00, 0.13, 0.21, 0.03
HSL	24°, 76%, 87%
HSV	24°, 21%, 97%
XYZ	72.8774, 72.8714, 62.4491
YIQ	222.9890, 24.8960, 0.3520

Conversions

Conversions Part 2

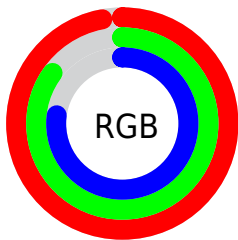
Format	Color
R _Y B	247, 229, 196
Decimal	16242884
CIE Lab	88.39, 7.70, 13.81
CIE LCh	88, 15.807, 60.863
Yxy	72.8714, 0.3500, 0.3500
Android (android.graphics.Color)	4294432964 (0xFFFF7D8C4)
YUV	222.9890, -13.3056, 21.0576
Hunter-Lab	85.3648, 3.0004, 16.3814

Details

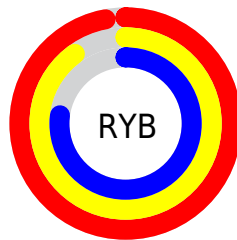
The RGB color **247, 216, 196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **196, 227, 247**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 253, and **190, 161, 142** is the 20% darker color. If you saturate the color by 10%, you get **247, 201, 171**, and if you desaturate by 10%, it is **247, 231, 221**.

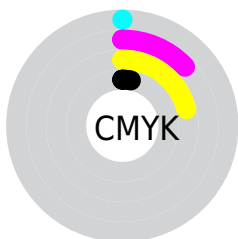
Distribution



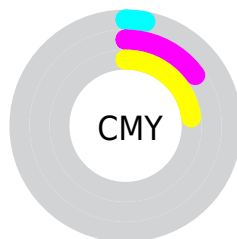
- Red (97%)
- Green (85%)
- Blue (77%)



- Red (97%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 216, 196 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, 216, 196 by changing the saturation by 10% instead.


 247, 216, 196

 247, 216, 196


255, 255, 255

 218, 188, 169

255, 255, 253


 190, 161, 142

 163, 135, 117

 136, 110, 92

 110, 85, 68

 85, 62, 46

 61, 40, 25

 40, 20, 0


 2, 0, 0

 247, 216, 196

 247, 216, 196

 247, 201, 171


 247, 231, 221

 247, 186, 147


 247, 246, 245

 247, 171, 122

 247, 255, 255

 247, 156, 97

 247, 141, 73

 247, 126, 48

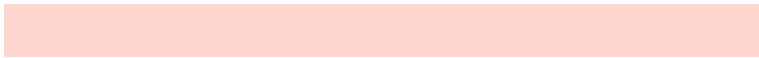
 247, 111, 23

 247, 97, 0

Harmonies

Analogous

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



254, 213, 207



247, 216, 196



234, 221, 192

Triad

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



247, 216, 196



187, 231, 222



225, 218, 248

Complementary

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



247, 216, 196



196, 227, 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.



206, 223, 252



247, 216, 196



183, 230, 237

Square

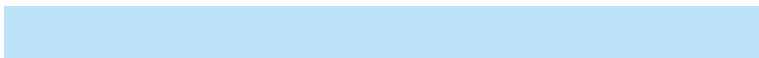
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 216, 196



200, 229, 207



190, 227, 248



242, 214, 237

Rectangle

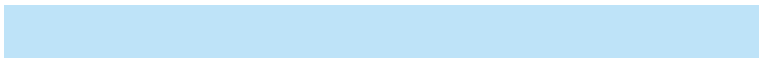
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 216, 196



223, 224, 194



190, 227, 248



219, 220, 250

Sweetspot

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



247, 216, 196



255, 246, 240



247, 196, 227



128, 122, 119



0, 0, 0



128, 128, 128

Same Dimension

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



247, 216, 196



255, 216, 191



247, 241, 196



122, 115, 110



186, 73, 0



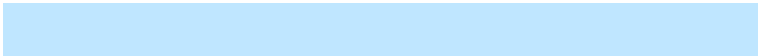
59, 23, 0

Inverse Universe

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



196, 227, 247



191, 230, 255



196, 202, 247



110, 118, 122



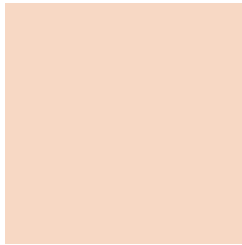
0, 113, 186



0, 36, 59

Previews

White Background



This preview shows how the RGB color 247, 216, 196 looks on a white background.

Color Contrast Check

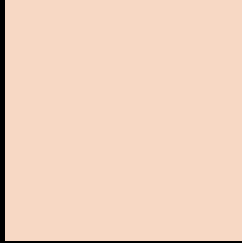
Large Text (above 18pt) WCAG AA × Fail

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, 216, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

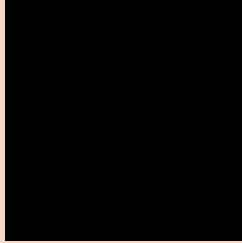
Any Text WCAG AA ✓ Pass

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, 216, 196 Background



This preview shows how black text looks on a background with the RGB color 247, 216, 196.

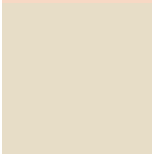



This preview shows how white text looks on a background with the RGB color 247, 216, 196.

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](#).

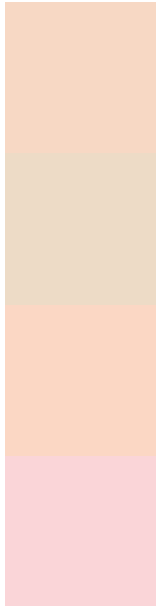
Dichromacy

	Original Color 247, 216, 196
	Protanopia 231, 221, 199
	Deuteranopia 253, 214, 196



Tritanopia
251, 211, 228

Trichromacy



Original Color

247, 216, 196

Protanomaly

237, 219, 198

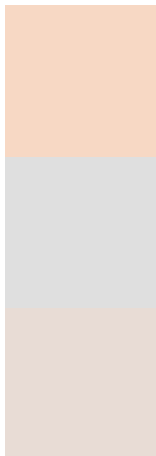
Deuteranomaly

251, 215, 196

Tritanomaly

250, 213, 216

Monochromacy



Original Color

247, 216, 196

Achromatopsia

223, 223, 223

Achromatomaly

232, 220, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 216, 196 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, 216, 196)` looks like.

```
.text, #text, p{  
    color:rgb(247, 216, 196)  
}
```

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, 216, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 216, 196) }
```

Border

The CSS property to change the border of an element to RGB 247, 216, 196 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, 216, 196) }
```

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

```
.border{ border-color:rgb(247, 216, 196) }
```

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

Here you see how a box with a 4 pixel rgb(247, 216, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 216, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 216, 196);  
box-shadow:4px 4px 4px 4px rgb(247, 216,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 247, 216, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 216, 196) }
```

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

```
.background{ background-color: rgb(247,  
216, 196) }
```

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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