

Converting Colors

RGB(249, 244, 198)

Have a look what the booklet for
RGB(249, 244, 198) contains.

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Color

RGB(249, 244, 198)

Conversions

Conversions Part 1	
Format	Color
Hex	F9F4C6
RGB	249, 244, 198
RGB Percent	98%, 96%, 78%
CMY	0.0235, 0.0431, 0.2235
CMYK	0.00, 0.02, 0.20, 0.02
HSL	54°, 81%, 88%
HSV	54°, 20%, 98%
XYZ	81.6106, 88.9183, 66.2877
YIQ	240.2510, 17.7460, -13.2460

Conversions

Conversions Part 2

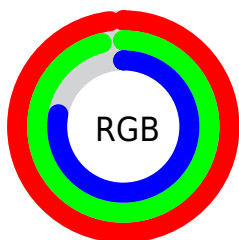
Format	Color
RYB	204, 249, 198
Decimal	16381126
CIELab	95.55, -5.57, 22.81
CIELCh	96, 23.484, 103.721
Yxy	88.9183, 0.3446, 0.3755
Android (android.graphics.Color)	4294571206 (0xFFFF9F4C6)
YUV	240.2510, -20.8297, 7.6729
Hunter-Lab	94.2965, -10.5328, 24.3284

Details

The RGB color 249, 244, 198 is a light color, and the websafe version is hex FFFFC0. A complement of this color would be 198, 203, 249, and the grayscale version is 240, 240, 240.

A 20% lighter version of the original color is 255, 255, 255, and 192, 188, 144 is the 20% darker color. If you saturate the color by 10%, you get 249, 242, 173, and if you desaturate by 10%, it is 249, 246, 223.

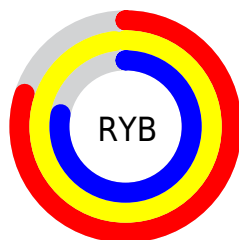
Distribution



Red (98%)

Green (96%)

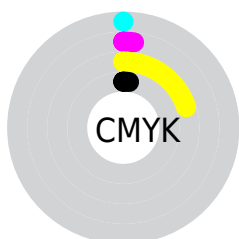
Blue (78%)



Red (80%)

Yellow (98%)

Blue (78%)

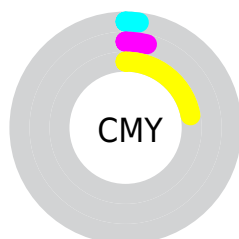


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (4%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 244, 198 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 249, 244, 198 by changing the saturation by 10% instead.


 249, 244, 198

255, 255, 255


255, 255, 255

 249, 244, 198

 220, 216, 171

 192, 188, 144

 165, 161, 118

 138, 135, 93

 112, 109, 69

 87, 85, 47

 63, 62, 25

 41, 40, 0

 16, 20, 0

 249, 244, 198

 249, 244, 198

 249, 242, 173

 249, 246, 223

 249, 239, 148

 249, 249, 248

 249, 237, 123

 249, 251, 255

 249, 234, 98

 249, 254, 255

 249, 232, 74

 249, 255, 255

 249, 229, 49

 249, 227, 24

 249, 225, 0

Harmonies

Analogous

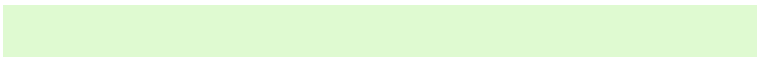
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 236, 199



249, 244, 198



223, 250, 209

Triad

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



249, 244, 198



184, 253, 255



255, 228, 255

Complementary

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



249, 244, 198



198, 203, 249

Split Complementary

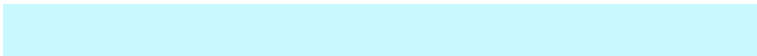
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 233, 255



249, 244, 198



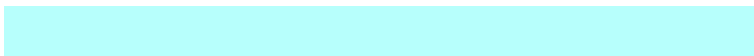
202, 248, 255

Square

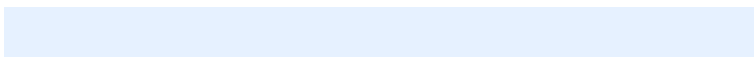
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



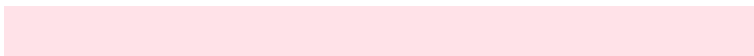
249, 244, 198



183, 255, 252



230, 241, 255



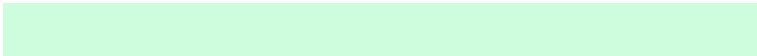
255, 226, 232

Rectangle

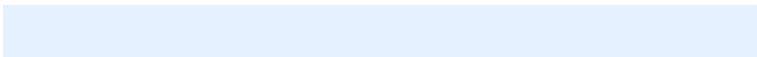
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 244, 198



206, 253, 221



230, 241, 255



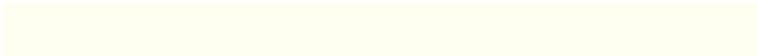
255, 229, 255

Sweetspot

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



249, 244, 198



255, 254, 240



249, 198, 203



128, 127, 119



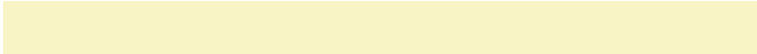
0, 0, 0



128, 128, 128

Same Dimension

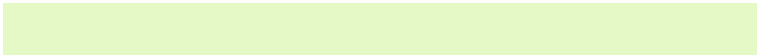
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 244, 198



255, 249, 191



229, 249, 198



125, 124, 112



189, 170, 0



61, 55, 0

Inverse Universe

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



198, 203, 249



191, 197, 255



218, 198, 249



112, 114, 125



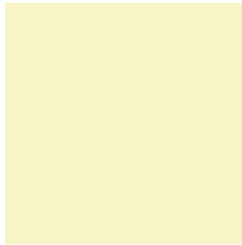
0, 18, 189



0, 6, 61

Previews

White Background



This preview shows how the RGB color 249, 244, 198 looks on a white background.

Color Contrast Check

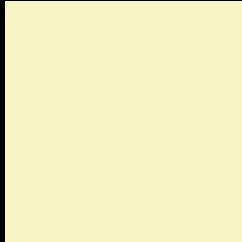
Large Text (above 18pt) WCAG AA × Fail

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 249, 244, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

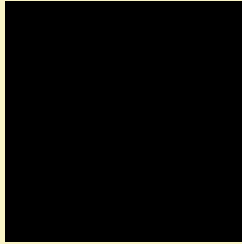
Any Text WCAG AA ✓ Pass

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 249, 244, 198 Background



This preview shows how black text looks on a background with the RGB color 249, 244, 198.



This preview shows how white text looks on a background with the RGB color 249, 244, 198.

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


249, 244, 198

Protanopia

255, 242, 202

Deuteranopia

255, 239, 230



Tritanopia

255, 237, 253

Trichromacy

	Original Color 249, 244, 198
	Protanomaly 253, 243, 201
	Deuteranomaly 253, 241, 218
	Tritanomaly 253, 240, 233

Monochromacy

	Original Color 249, 244, 198
	Achromatopsia 240, 240, 240
	Achromatomaly 243, 241, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 244, 198 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(249, 244, 198) looks like.

```
.text, #text, p{  
    color:rgb(249, 244, 198)  
}
```

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(249, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 244, 198) }
```

Border

The CSS property to change the border of an element to RGB 249, 244, 198 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(249, 244, 198) }
```

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

```
.border{ border-color:rgb(249, 244, 198) }
```

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

Here you see how a box with a 4 pixel rgb(249, 244, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 244, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 244, 198);  
box-shadow:4px 4px 4px 4px rgb(249, 244,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 249, 244, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 244, 198) }
```

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

```
.background{ background-color: rgb(249,  
244, 198) }
```

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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