

Converting Colors

RGB(247, 237, 198)

Have a look what the booklet for
RGB(247, 237, 198) contains.

RGB(247, 237, 198)	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(247, 237, 198)

Conversions

Conversions Part 1

Format	Color
Hex	F7EDC6
RGB	247, 237, 198
RGB Percent	97%, 93%, 78%
CMY	0.0314, 0.0706, 0.2235
CMYK	0.00, 0.04, 0.20, 0.03
HSL	48°, 75%, 87%
HSV	48°, 20%, 97%
XYZ	78.8350, 84.4197, 65.5657
YIQ	235.5440, 18.4790, -10.0090

Conversions

Conversions Part 2

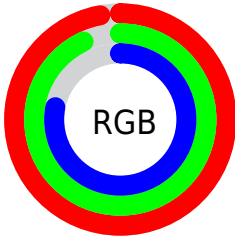
Format	Color
R _Y B	211, 247, 198
Decimal	16248262
CIE Lab	93.63, -2.77, 20.13
CIE LCh	94, 20.322, 97.838
Yxy	84.4197, 0.3445, 0.3689
Android (android.graphics.Color)	4294438342 (0xFFF7EDC6)
YUV	235.5440, -18.5092, 10.0469
Hunter-Lab	91.8802, -7.6339, 22.0068

Details

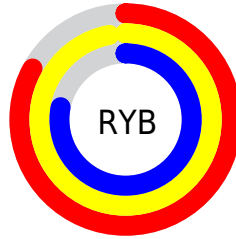
The RGB color **247, 237, 198** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **198, 208, 247**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **190, 181, 144** is the 20% darker color. If you saturate the color by 10%, you get **247, 232, 173**, and if you desaturate by 10%, it is **247, 242, 223**.

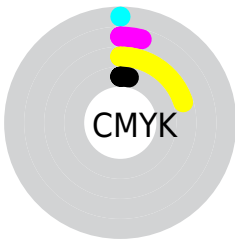
Distribution



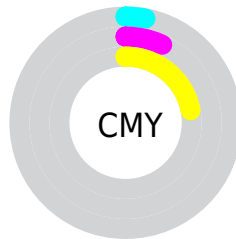
- Red (97%)
- Green (93%)
- Blue (78%)



- Red (83%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 237, 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 247, 237, 198 by changing the saturation by 10% instead.


 247, 237, 198

255, 255, 255

255, 255, 255


 247, 237, 198


 218, 209, 171

 190, 181, 144

 163, 154, 118

 136, 128, 93

 111, 103, 70

 86, 79, 47

 62, 57, 25

 40, 35, 0

 13, 14, 0

 247, 237, 198

 247, 237, 198

 247, 232, 173


 247, 242, 223

 247, 227, 149


 247, 247, 247


 247, 222, 124


 247, 252, 255

 247, 217, 99

 247, 255, 255

 247, 212, 75

 247, 207, 50

 247, 202, 25

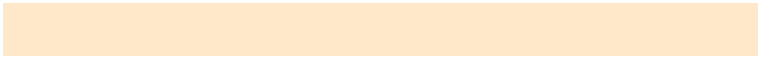
 247, 197, 0

 247, 197, 0

Harmonies

Analogous

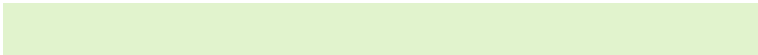
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 231, 201



247, 237, 198



225, 243, 205

Triad

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



247, 237, 198



186, 247, 255



255, 225, 252

Complementary

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



247, 237, 198



198, 208, 247

Split Complementary

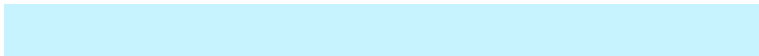
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 230, 255



247, 237, 198



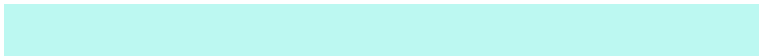
199, 243, 255

Square

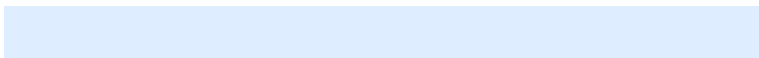
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 237, 198



188, 248, 241



222, 237, 255



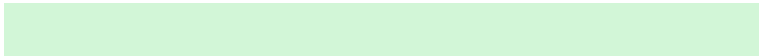
255, 223, 232

Rectangle

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



247, 237, 198



210, 246, 215



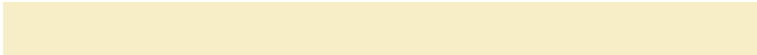
222, 237, 255



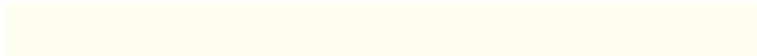
255, 226, 255

Sweetspot

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



247, 237, 198



255, 252, 240



247, 198, 209



128, 126, 119



0, 0, 0



128, 128, 128

Same Dimension

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



247, 237, 198



255, 243, 194



233, 247, 198



122, 120, 110



186, 148, 0



59, 47, 0

Inverse Universe

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



198, 208, 247



194, 206, 255



212, 198, 247



110, 113, 122



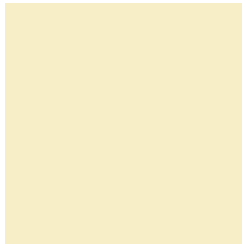
0, 38, 186



0, 12, 59

Previews

White Background



This preview shows how the RGB color 247, 237, 198 looks on a white background.

Color Contrast Check

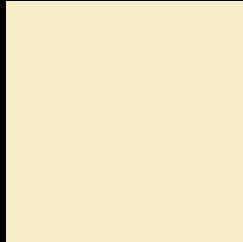
Large Text (above 18pt) WCAG AA × Fail

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 247, 237, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

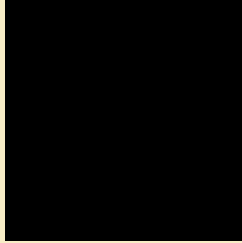
Any Text WCAG AA ✓ Pass

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 247, 237, 198 Background



This preview shows how black text looks on a background with the RGB color 247, 237, 198.

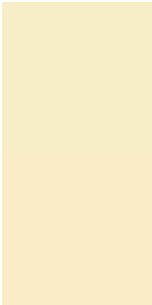


This preview shows how white text looks on a background with the RGB color 247, 237, 198.

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

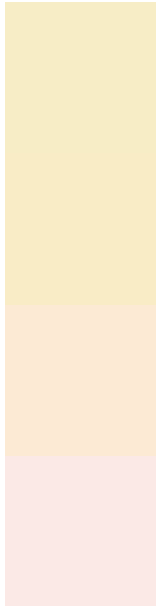
	Original Color 247, 237, 198
	Protanopia 250, 236, 198
	Deuteranopia 255, 232, 220



Tritanopia

254, 230, 248

Trichromacy



Original Color

247, 237, 198

Protanomaly

249, 236, 198

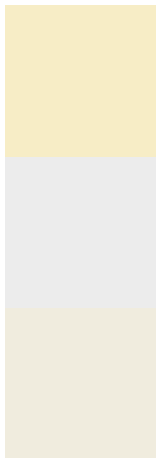
Deuteranomaly

252, 234, 212

Tritanomaly

251, 233, 230

Monochromacy



Original Color

247, 237, 198

Achromatopsia

236, 236, 236

Achromatomaly

240, 236, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 237, 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(247, 237, 198)` looks like.

```
.text, #text, p{  
    color:rgb(247, 237, 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(247, 237, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 237, 198) }
```

Border

The CSS property to change the border of an element to RGB 247, 237, 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(247, 237, 198) }
```

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

```
.border{ border-color:rgb(247, 237, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 237, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 237, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 237, 198);  
box-shadow:4px 4px 4px 4px rgb(247, 237,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 247, 237, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 237, 198) }
```

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

```
.background{ background-color: rgb(247,  
237, 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](#).

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