

Converting Colors

RGB(251, 234, 168)

Have a look what the booklet for
RGB(251, 234, 168) contains.

RGB(251, 234, 168)	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, 234, 168)

Conversions

Conversions Part 1

Format	Color
Hex	FBEEA8
RGB	251, 234, 168
RGB Percent	98%, 92%, 66%
CMY	0.0157, 0.0824, 0.3412
CMYK	0.00, 0.07, 0.33, 0.02
HSL	48°, 91%, 82%
HSV	48°, 33%, 98%
XYZ	76.2744, 82.1820, 48.8884
YIQ	231.5590, 31.3180, -16.9220

Conversions

Conversions Part 2

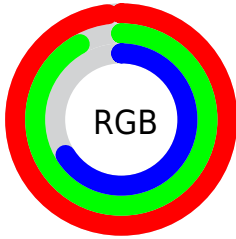
Format	Color
RYB	189, 251, 168
Decimal	16509608
CIELab	92.66, -3.70, 34.19
CIELCh	93, 34.388, 96.178
Yxy	82.1820, 0.3679, 0.3964
Android (android.graphics.Color)	4294699688 (0xFFFBEEA8)
YUV	231.5590, -31.3346, 17.0498
Hunter-Lab	90.6543, -8.4594, 31.4839

Details

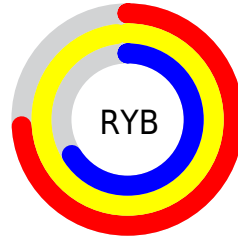
The RGB color **251, 234, 168** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **168, 185, 251**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 224**, and **193, 178, 115** is the 20% darker color. If you saturate the color by 10%, you get **251, 229, 143**, and if you desaturate by 10%, it is **251, 239, 193**.

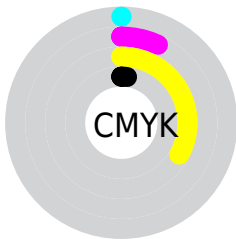
Distribution



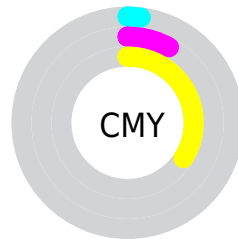
- Red (98%)
- Green (92%)
- Blue (66%)



- Red (74%)
- Yellow (98%)
- Blue (66%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 234, 168 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, 234, 168 by changing the saturation by 10% instead.

 251, 234, 168

255, 255, 255

 255, 255, 224

 255, 255, 252

 251, 234, 168

 222, 206, 141

 193, 178, 115

 166, 152, 90

 138, 126, 66

 112, 101, 42

 86, 77, 19

 62, 55, 0

 38, 34, 0

 5, 12, 0

■ 251, 234, 168

■ 251, 234, 168

■ 251, 229, 143

■ 251, 239, 193

■ 251, 224, 118

■ 251, 244, 218

■ 251, 219, 93

■ 251, 249, 243

■ 251, 213, 68

■ 251, 255, 255

■ 251, 208, 42

■ 251, 255, 255

■ 251, 203, 17

■ 251, 200, 0

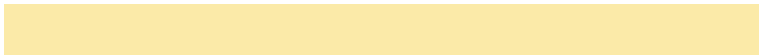
Harmonies

Analogous

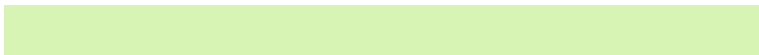
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 223, 174



251, 234, 168



215, 244, 180

Triad

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



251, 234, 168



134, 251, 255



255, 213, 255

Complementary

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



251, 234, 168



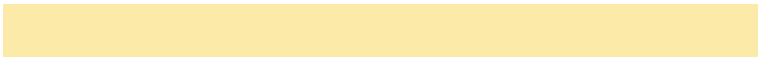
168, 185, 251

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.



248, 223, 255



251, 234, 168



157, 245, 255

Square

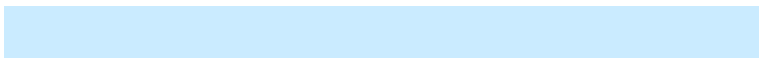
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251, 234, 168



144, 253, 240



202, 235, 255



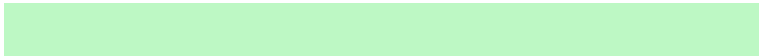
255, 210, 228

Rectangle

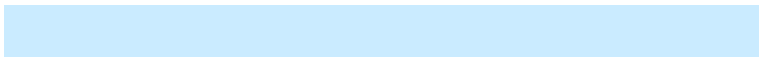
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 234, 168



189, 248, 196



202, 235, 255



255, 216, 255

Sweetspot

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



251, 234, 168



255, 250, 230



251, 168, 186



128, 124, 112



0, 0, 0



128, 128, 128

Same Dimension

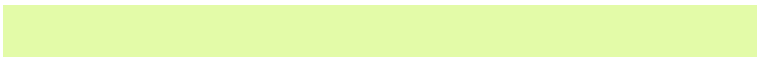
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 234, 168



255, 234, 153



227, 251, 168



125, 122, 112



189, 150, 0



61, 49, 0

Inverse Universe

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



168, 185, 251



153, 174, 255



192, 168, 251



112, 115, 125



0, 39, 189



0, 13, 61

Previews

White Background



This preview shows how the RGB color 251, 234, 168 looks on a white background.

Color Contrast Check

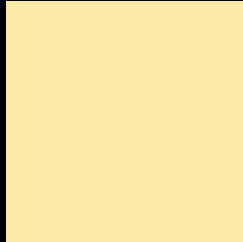
Large Text (above 18pt) WCAG AA × Fail

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, 234, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

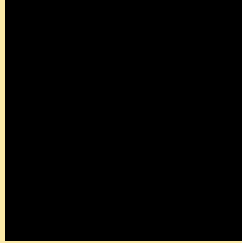
Any Text WCAG AA ✓ Pass

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, 234, 168 Background



This preview shows how black text looks on a background with the RGB color 251, 234, 168.

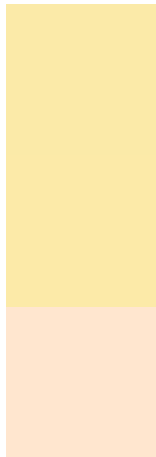


This preview shows how white text looks on a background with the RGB color 251, 234, 168.

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, 234, 168

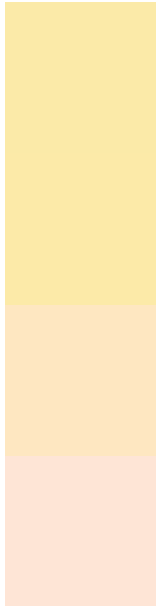
Protanopia
252, 234, 168

Deuteranopia
255, 230, 207



Tritanopia
255, 226, 240

Trichromacy



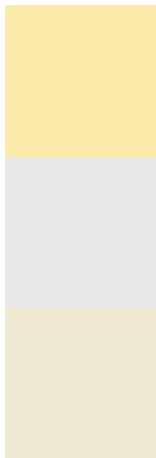
Original Color
251, 234, 168

Protanomaly
252, 234, 168

Deuteranomaly
254, 231, 193

Tritanomaly
254, 229, 214

Monochromacy



Original Color
251, 234, 168

Achromatopsia
232, 232, 232

Achromatomaly
239, 233, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 234, 168 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, 234, 168)` looks like.

```
.text, #text, p{  
    color:rgb(251, 234, 168)  
}
```

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, 234, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 234, 168) }
```

Border

The CSS property to change the border of an element to RGB 251, 234, 168 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, 234, 168) }
```

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

```
.border{ border-color:rgb(251, 234, 168) }
```

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

Here you see how a box with a 4 pixel rgb(251, 234, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 234, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 234, 168);  
box-shadow:4px 4px 4px 4px rgb(251, 234,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 251, 234, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 234, 168) }
```

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

```
.background{ background-color: rgb(251,  
234, 168) }
```

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