

Converting Colors

RGB(255, 234, 167)

Have a look what the booklet for
RGB(255, 234, 167) contains.

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Color

RGB(255, 234, 167)

Conversions

Conversions Part 1

Format	Color
Hex	FFEAA7
RGB	255, 234, 167
RGB Percent	100%, 92%, 65%
CMY	0.0000, 0.0824, 0.3451
CMYK	0.00, 0.08, 0.35, 0.00
HSL	46°, 100%, 83%
HSV	46°, 35%, 100%
XYZ	77.6379, 82.8957, 48.4677
YIQ	232.6410, 34.0230, -16.3850

Conversions

Conversions Part 2

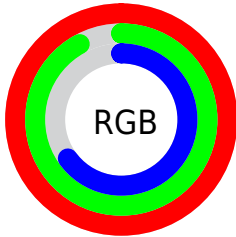
Format	Color
RYB	195, 255, 167
Decimal	16771751
CIELab	92.97, -2.30, 35.17
CIELCh	93, 35.245, 93.742
Yxy	82.8957, 0.3715, 0.3966
Android (android.graphics.Color)	4294961831 (0xFFFFEAA7)
YUV	232.6410, -32.3610, 19.6088
Hunter-Lab	91.0471, -7.1214, 32.1707

Details

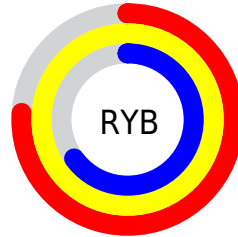
The RGB color **255, 234, 167** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **167, 188, 255**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 223**, and **197, 178, 114** is the 20% darker color. If you saturate the color by 10%, you get **255, 228, 142**, and if you desaturate by 10%, it is **255, 240, 193**.

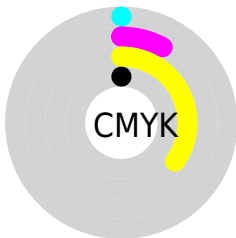
Distribution



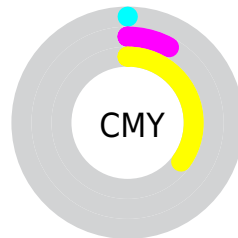
- Red (100%)
- Green (92%)
- Blue (65%)



- Red (76%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 234, 167 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 255, 234, 167 by changing the saturation by 10% instead.

 255, 234, 167

255, 255, 255

 255, 255, 223

 255, 255, 251

 255, 234, 167

 226, 206, 140

 197, 178, 114

 169, 152, 89


 142, 126, 65

 115, 101, 41

 89, 77, 17

 65, 55, 0

 40, 34, 0

 11, 12, 0

■ 255, 234, 167

■ 255, 234, 167

■ 255, 228, 142

■ 255, 240, 193

■ 255, 222, 116

■ 255, 246, 218

■ 255, 216, 91

■ 255, 252, 244

■ 255, 210, 65

255, 255, 255

■ 255, 204, 40

■ 255, 197, 14

■ 255, 194, 0

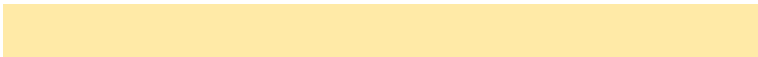
Harmonies

Analogous

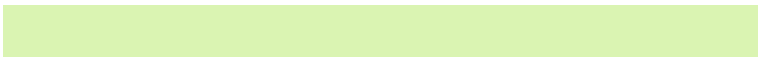
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 223, 175



255, 234, 167



218, 244, 178

Triad

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



255, 234, 167



130, 252, 255



255, 214, 255

Complementary

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



255, 234, 167



167, 188, 255

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.



245, 225, 255



255, 234, 167



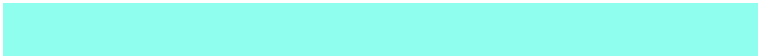
152, 246, 255

Square

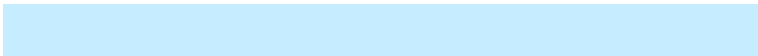
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 234, 167



144, 254, 238



198, 237, 255



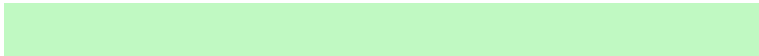
255, 210, 232

Rectangle

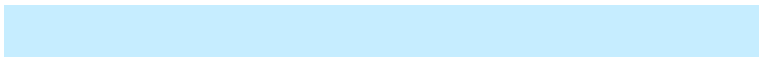
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 234, 167



192, 249, 194



198, 237, 255



255, 217, 255

Sweetspot

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



255, 234, 167



255, 249, 230



255, 167, 189



128, 124, 112



0, 0, 0



128, 128, 128

Same Dimension

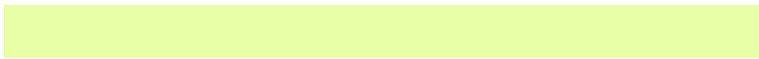
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 234, 167



255, 230, 150



233, 255, 167



128, 124, 115



191, 146, 0



64, 49, 0

Inverse Universe

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



167, 188, 255



150, 175, 255



189, 167, 255



115, 118, 128



0, 46, 191



0, 15, 64

Previews

White Background



This preview shows how the RGB color 255, 234, 167 looks on a white background.

Color Contrast Check

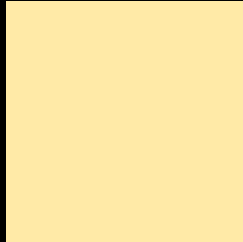
Large Text (above 18pt) WCAG AA × Fail

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 255, 234, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

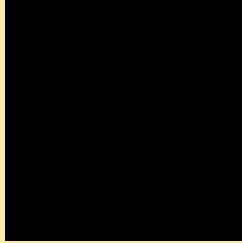
Any Text WCAG AA ✓ Pass

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 255, 234, 167 Background



This preview shows how black text looks on a background with the RGB color 255, 234, 167.

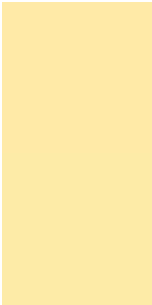




This preview shows how white text looks on a background with the RGB color 255, 234, 167.

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

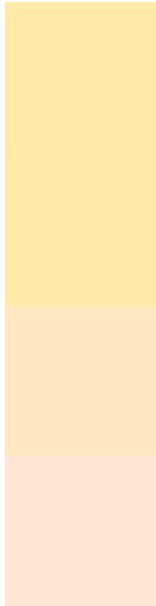
	Original Color 255, 234, 167
	Protanopia 253, 235, 167
	Deuteranopia 255, 231, 209



Tritanopia

255, 228, 240

Trichromacy



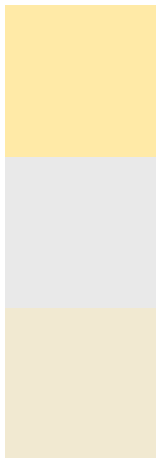
Original Color
255, 234, 167

Protanomaly
254, 235, 167

Deuteranomaly
255, 232, 194

Tritanomaly
255, 230, 213

Monochromacy



Original Color
255, 234, 167

Achromatopsia
233, 233, 233

Achromatomaly
241, 233, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 234, 167 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(255, 234, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 167)  
}
```

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(255, 234, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 167) }
```

Border

The CSS property to change the border of an element to RGB 255, 234, 167 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(255, 234, 167) }
```

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

```
.border{ border-color:rgb(255, 234, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 255, 234, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 167) }
```

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

```
.background{ background-color: rgb(255,  
234, 167) }
```

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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