

Converting Colors

RGB(255, 237, 194)

Have a look what the booklet for
RGB(255, 237, 194) contains.

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Color

RGB(255, 237, 194)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDC2
RGB	255, 237, 194
RGB Percent	100%, 93%, 76%
CMY	0.0000, 0.0706, 0.2392
CMYK	0.00, 0.07, 0.24, 0.00
HSL	42°, 100%, 88%
HSV	42°, 24%, 100%
XYZ	81.2618, 85.7234, 63.3023
YIQ	237.4800, 24.5310, -9.5570

Conversions

Conversions Part 2

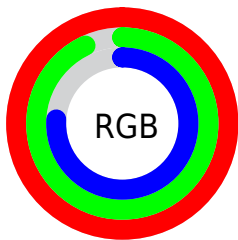
Format	Color
R _Y B	220, 255, 194
Decimal	16772546
CIE Lab	94.19, -0.42, 23.07
CIE LCh	94, 23.070, 91.042
Yxy	85.7234, 0.3529, 0.3722
Android (android.graphics.Color)	4294962626 (0xFFFFEDC2)
YUV	237.4800, -21.4356, 15.3650
Hunter-Lab	92.5869, -5.3611, 24.2739

Details

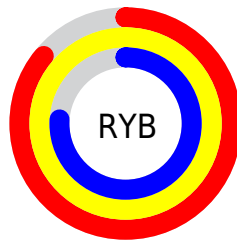
The RGB color **255, 237, 194** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **194, 212, 255**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 251**, and **198, 181, 140** is the 20% darker color. If you saturate the color by 10%, you get **255, 229, 169**, and if you desaturate by 10%, it is **255, 245, 219**.

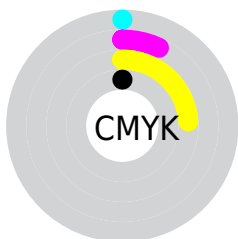
Distribution



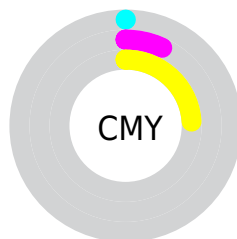
- Red (100%)
- Green (93%)
- Blue (76%)



- Red (86%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 237, 194 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, 237, 194 by changing the saturation by 10% instead.

255, 237, 194

255, 237, 194

255, 255, 255

226, 209, 167

255, 255, 251

198, 181, 140

170, 154, 115

143, 129, 90

117, 103, 66

92, 80, 43

67, 57, 22

45, 35, 0

20, 14, 0

 255, 237, 194

 255, 237, 194

 255, 229, 169


 255, 245, 219


 255, 222, 143

 255, 252, 245


 255, 214, 118

255, 255, 255

 255, 207, 92

 255, 199, 66

 255, 192, 41

 255, 184, 16

 255, 180, 0

Harmonies

Analogous

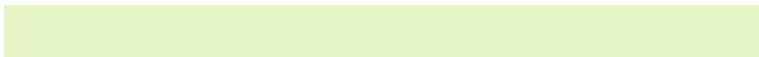
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 230, 200



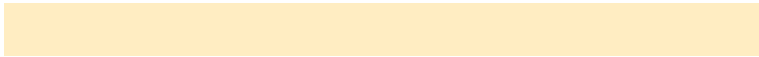
255, 237, 194



230, 244, 200

Triad

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



255, 237, 194



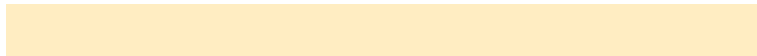
179, 250, 255



255, 226, 255

Complementary

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



255, 237, 194



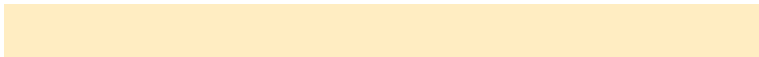
194, 212, 255

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.



243, 232, 255



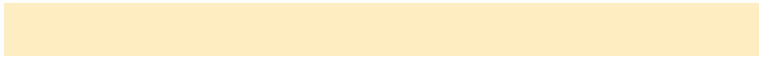
255, 237, 194



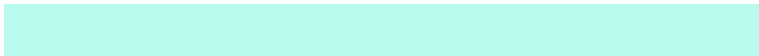
189, 246, 255

Square

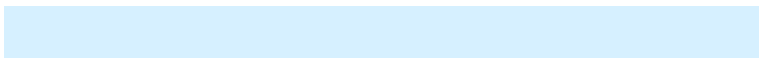
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 237, 194



185, 251, 238



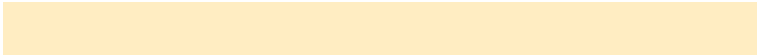
214, 240, 255



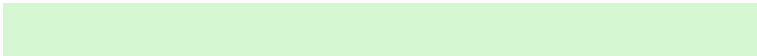
255, 223, 238

Rectangle

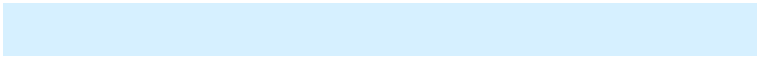
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 237, 194



213, 248, 210



214, 240, 255



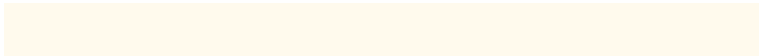
255, 228, 255

Sweetspot

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



255, 237, 194



255, 250, 237



255, 194, 212



128, 124, 117



0, 0, 0



128, 128, 128

Same Dimension

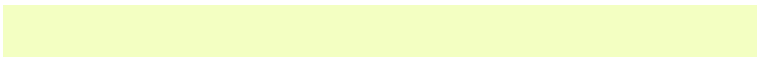
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 237, 194



255, 233, 181



243, 255, 194



128, 124, 115



191, 135, 0



64, 45, 0

Inverse Universe

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



194, 212, 255



181, 203, 255



206, 194, 255



115, 119, 128



0, 56, 191



0, 19, 64

Previews

White Background



This preview shows how the RGB color 255, 237, 194 looks on a white background.

Color Contrast Check

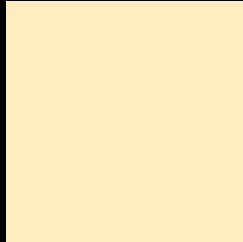
Large Text (above 18pt) WCAG AA × Fail

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, 237, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

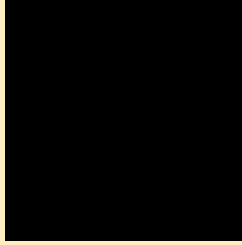
Any Text WCAG AA ✓ Pass

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, 237, 194 Background



This preview shows how black text looks on a background with the RGB color 255, 237, 194.



This preview shows how white text looks on a background with the RGB color 255, 237, 194.

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, 237, 194

Protanopia
252, 238, 194

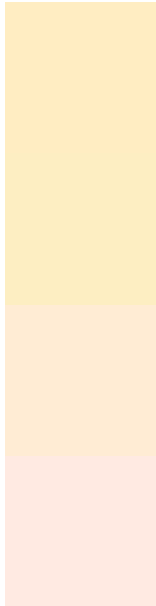
Deuteranopia
255, 235, 222



Tritanopia

255, 232, 245

Trichromacy



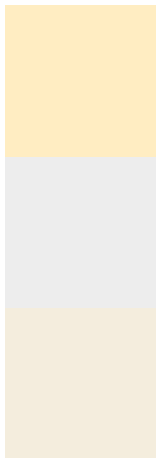
Original Color
255, 237, 194

Protanomaly
253, 238, 194

Deuteranomaly
255, 236, 212

Tritanomaly
255, 234, 226

Monochromacy



Original Color
255, 237, 194

Achromatopsia
237, 237, 237

Achromatomaly
244, 237, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 237, 194 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, 237, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 194)  
}
```

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, 237, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 194) }
```

Border

The CSS property to change the border of an element to RGB 255, 237, 194 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, 237, 194) }
```

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

```
.border{ border-color:rgb(255, 237, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 255, 237, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 194) }
```

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

```
.background{ background-color: rgb(255,  
237, 194) }
```

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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