

Converting Colors

RGB(249, 230, 187)

Have a look what the booklet for
RGB(249, 230, 187) contains.

RGB(249, 230, 187)	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(249, 230, 187)

Conversions

Conversions Part 1

Format	Color
Hex	F9E6BB
RGB	249, 230, 187
RGB Percent	98%, 90%, 73%
CMY	0.0235, 0.0980, 0.2667
CMYK	0.00, 0.08, 0.25, 0.02
HSL	42°, 84%, 85%
HSV	42°, 25%, 98%
XYZ	76.3334, 80.3212, 58.4941
YIQ	230.7790, 25.1270, -9.3450

Conversions

Conversions Part 2

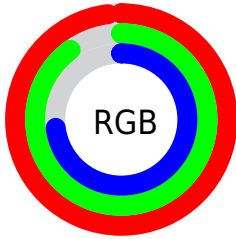
Format	Color
R_{YB}	214, 249, 187
Decimal	16377531
CIE _{Lab}	91.83, -0.02, 23.33
CIE _{LCh}	92, 23.327, 90.048
Yxy	80.3212, 0.3548, 0.3733
Android (android.graphics.Color)	4294567611 (0xFFF9E6BB)
YUV	230.7790, -21.5830, 15.9798
Hunter-Lab	89.6221, -4.8058, 24.0384

Details

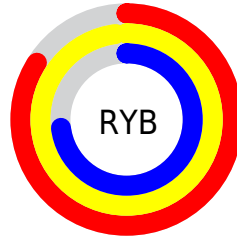
The RGB color **249, 230, 187** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **187, 206, 249**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 243**, and **192, 175, 134** is the 20% darker color. If you saturate the color by 10%, you get **249, 222, 162**, and if you desaturate by 10%, it is **249, 238, 212**.

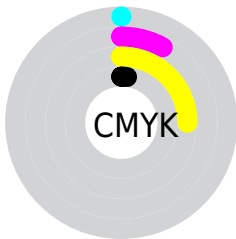
Distribution



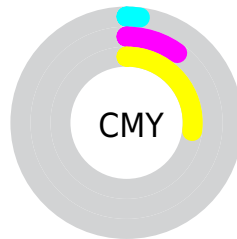
- Red (98%)
- Green (90%)
- Blue (73%)



- Red (84%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (25%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 230, 187 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, 230, 187 by changing the saturation by 10% instead.


 249, 230, 187


255, 255, 255

 255, 255, 243

 249, 230, 187


 220, 202, 160

 192, 175, 134

 164, 148, 108

 138, 122, 84

 112, 98, 60

 86, 74, 38

 62, 51, 16

 40, 30, 0

 10, 6, 0

 249, 230, 187

 249, 230, 187

 249, 222, 162

 249, 238, 212

 249, 215, 137


 249, 245, 237


 249, 207, 112


 249, 253, 255

 249, 199, 87

 249, 255, 255

 249, 192, 62

 249, 184, 38

 249, 177, 13

 249, 173, 0

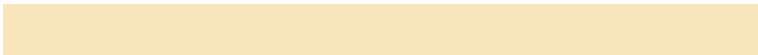
Harmonies

Analogous

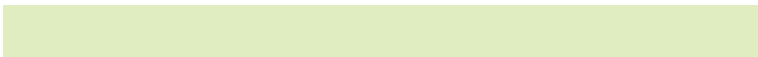
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 223, 194



249, 230, 187



224, 237, 193

Triad

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



249, 230, 187



171, 244, 253



255, 219, 254

Complementary

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



249, 230, 187



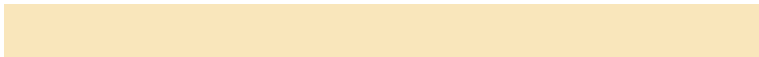
187, 206, 249

Split Complementary

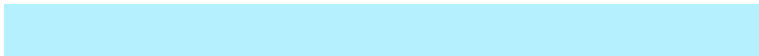
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 226, 255



249, 230, 187



181, 240, 255

Square

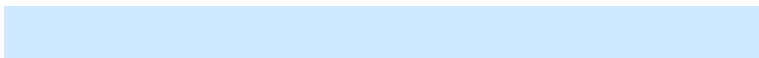
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 230, 187



179, 245, 231



206, 233, 255



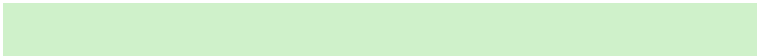
255, 216, 232

Rectangle

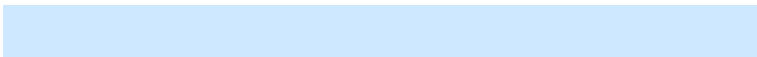
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 230, 187



207, 241, 202



206, 233, 255



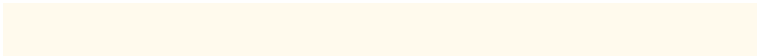
253, 221, 255

Sweetspot

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



249, 230, 187



255, 250, 237



249, 187, 207



128, 124, 117



0, 0, 0



128, 128, 128

Same Dimension

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



249, 230, 187



255, 232, 179



238, 249, 187



125, 121, 112



189, 131, 0



61, 42, 0

Inverse Universe

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



187, 206, 249



179, 202, 255



198, 187, 249



112, 116, 125



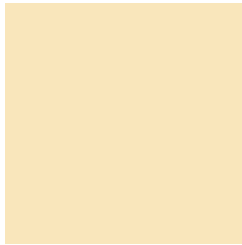
0, 58, 189



0, 19, 61

Previews

White Background



This preview shows how the RGB color 249, 230, 187 looks on a white background.

Color Contrast Check

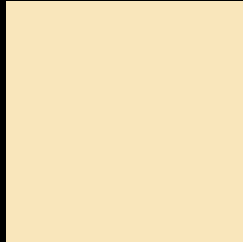
Large Text (above 18pt) WCAG AA × Fail

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, 230, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

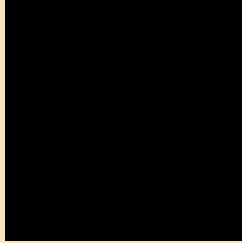
Any Text WCAG AA ✓ Pass

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, 230, 187 Background



This preview shows how black text looks on a background with the RGB color 249, 230, 187.

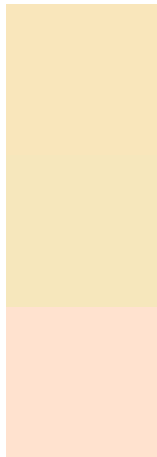


This preview shows how white text looks on a background with the RGB color 249, 230, 187.

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, 230, 187

Protanopia
246, 231, 188

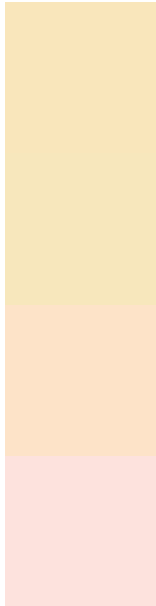
Deuteranopia
255, 226, 207



Tritanopia

255, 223, 240

Trichromacy



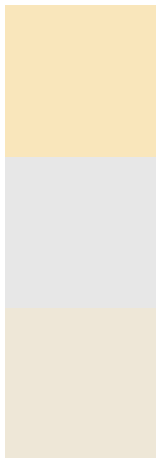
Original Color
249, 230, 187

Protanomaly
247, 231, 188

Deuteranomaly
253, 227, 200

Tritanomaly
253, 226, 221

Monochromacy



Original Color
249, 230, 187

Achromatopsia
231, 231, 231

Achromatomaly
238, 231, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 230, 187 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, 230, 187)` looks like.

```
.text, #text, p{  
    color:rgb(249, 230, 187)  
}
```

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, 230, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 230, 187) }
```

Border

The CSS property to change the border of an element to RGB 249, 230, 187 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, 230, 187) }
```

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

```
.border{ border-color:rgb(249, 230, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 230, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 230, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 230, 187);  
box-shadow:4px 4px 4px 4px rgb(249, 230,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 249, 230, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 230, 187) }
```

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

```
.background{ background-color: rgb(249,  
230, 187) }
```

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