

Converting Colors

RGB(247, 255, 230)

Have a look what the booklet for
RGB(247, 255, 230) contains.

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Color

RGB(247, 255, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFE6
RGB	247, 255, 230
RGB Percent	97%, 100%, 90%
CMY	0.0314, 0.0000, 0.0980
CMYK	0.03, 0.00, 0.10, 0.00
HSL	79°, 100%, 95%
HSV	79°, 10%, 100%
XYZ	88.4007, 97.0073, 88.9280
YIQ	249.7580, 3.2570, -9.4710

Conversions

Conversions Part 2

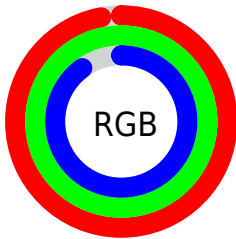
Format	Color
R_{YB}	230, 255, 238
Decimal	16252902
CIE _{Lab}	98.83, -6.90, 11.04
CIE _{LCh}	99, 13.015, 122.010
Yxy	97.0073, 0.3222, 0.3536
Android (android.graphics.Color)	4294442982 (0xFFFF7FFE6)
YUV	249.7580, -9.7407, -2.4188
Hunter-Lab	98.4923, -12.1508, 15.4121

Details

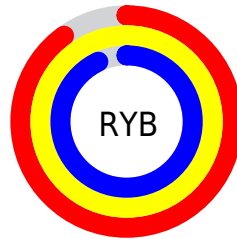
The RGB color `247, 255, 230` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238, 230, 255`, and the grayscale version is `250, 250, 250`.

A 20% lighter version of the original color is `255, 255, 255`, and `191, 198, 174` is the 20% darker color. If you saturate the color by 10%, you get `239, 255, 205`, and if you desaturate by 10%, it is `255, 255, 255`.

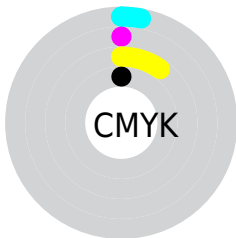
Distribution



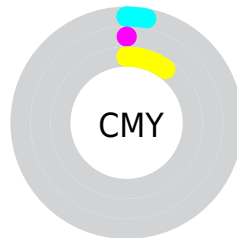
- Red (97%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 255, 230 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, 255, 230 by changing the saturation by 10% instead.

 247, 255, 230


255, 255, 255

 247, 255, 230

 218, 226, 202

 191, 198, 174

 163, 171, 148

 137, 145, 122

 112, 119, 97

 87, 94, 73

 64, 71, 51

 42, 48, 30

 22, 27, 5

247, 255, 230

247, 255, 230

239, 255, 205

255, 255, 255

231, 255, 179

223, 255, 154

214, 255, 128

206, 255, 103

198, 255, 77

190, 255, 52

182, 255, 26

174, 255, 1

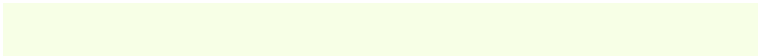
Harmonies

Analogous

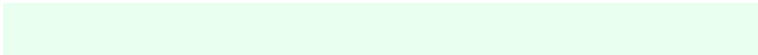
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 251, 226



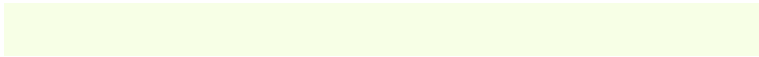
247, 255, 230



233, 255, 239

Triad

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



247, 255, 230



226, 255, 255



255, 243, 251

Complementary

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



247, 255, 230



238, 230, 255

Split Complementary

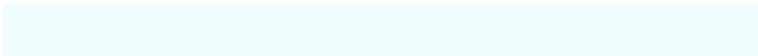
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 245, 255



247, 255, 230



240, 252, 255

Square

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



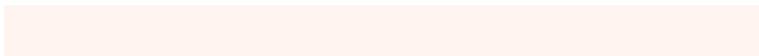
247, 255, 230



220, 255, 255



255, 248, 255



255, 244, 239

Rectangle

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



247, 255, 230



226, 255, 248



255, 248, 255



255, 243, 255

Sweetspot

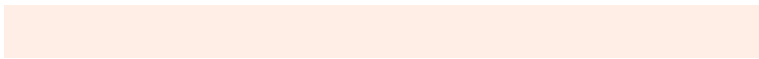
The Sweet Spot groups the original color and five complimentary colors.



247, 255, 230



253, 255, 247



255, 238, 230



126, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



247, 255, 230



245, 255, 224



235, 255, 230



123, 128, 115



130, 191, 0



43, 64, 0

Inverse Universe

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



238, 230, 255



234, 224, 255



250, 230, 255



119, 115, 128



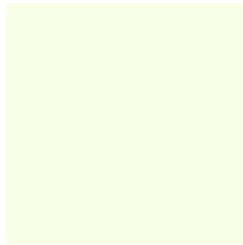
61, 0, 191



20, 0, 64

Previews

White Background



This preview shows how the RGB color 247, 255, 230 looks on a white background.

Color Contrast Check

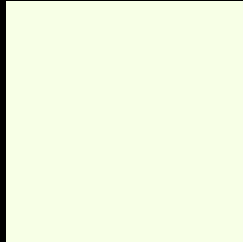
Large Text (above 18pt) WCAG AA × Fail

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, 255, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

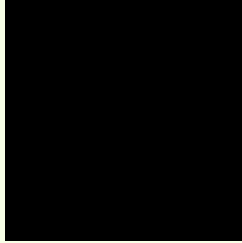
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

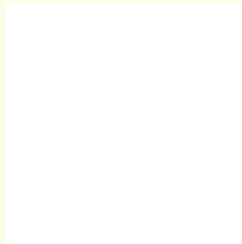
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 247, 255, 230 Background



This preview shows how black text looks on a background with the RGB color 247, 255, 230.

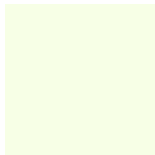


This preview shows how white text looks on a background with the RGB color 247, 255, 230.

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, 255, 230



Protanopia
255, 251, 244

Deuteranopia
255, 251, 250

Tritanopia

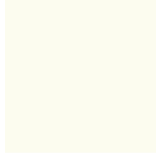
252, 251, 255

Trichromacy



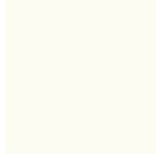
Original Color

247, 255, 230



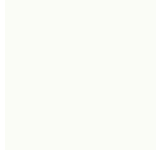
Protanomaly

252, 252, 239



Deuteranomaly

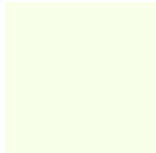
252, 252, 243



Tritanomaly

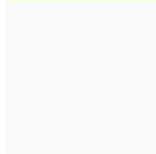
250, 252, 246

Monochromacy



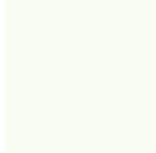
Original Color

247, 255, 230



Achromatopsia

250, 250, 250



Achromatomaly

249, 252, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 255, 230 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, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 230)  
}
```

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, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 230) }
```

Border

The CSS property to change the border of an element to RGB 247, 255, 230 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, 255, 230) }
```

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

```
.border{ border-color:rgb(247, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 247, 255, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 230) }
```

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

```
.background{ background-color: rgb(247,  
255, 230) }
```

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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