

Converting Colors

Hex(ECFFB8)

Have a look what the booklet for
Hex(ECFFB8) contains.

Hex(ECFFB8)	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

Hex(ECFFB8)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFB8
RGB	236, 255, 184
RGB Percent	93%, 100%, 72%
CMY	0.0745, 0.0000, 0.2784
CMYK	0.07, 0.00, 0.28, 0.00
HSL	76°, 100%, 86%
HSV	76°, 28%, 100%
XYZ	79.0038, 92.8136, 59.0983
YIQ	241.2250, 11.4670, -26.1090

Conversions

Conversions Part 2

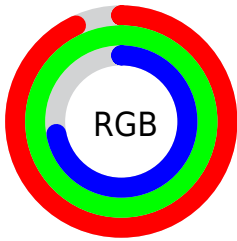
Format	Color
RYB	184, 255, 203
Decimal	15531960
CIELab	97.15, -17.61, 31.95
CIELCh	97, 36.477, 118.860
Yxy	92.8136, 0.3421, 0.4019
Android (android.graphics.Color)	4293722040 (0xFFE0FFB8)
YUV	241.2250, -28.2119, -4.5823
Hunter-Lab	96.3398, -22.2151, 31.0673

Details

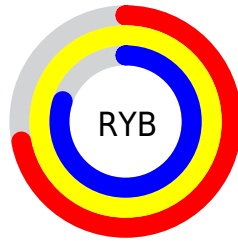
The Hex color **ECFFB8** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **CBB8FF**, and the grayscale version is **F1F1F1**.

A 20% lighter version of the original color is **FFFFF0**, and **B4C682** is the 20% darker color. If you saturate the color by 10%, you get **E5FF9F**, and if you desaturate by 10%, it is **F3FFD2**.

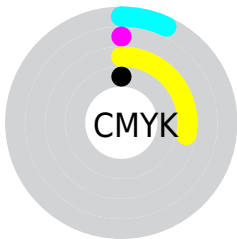
Distribution



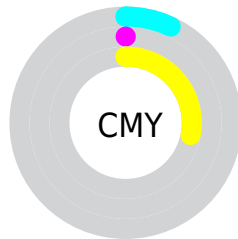
- Red (93%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color ECFFB8 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 Hex color ECFFB8 by changing the saturation by 10% instead.

 ECFFB8

FFFFFF

 FFFFF0

 ECFFB8

 CFE29D

 B4C682

 98AB69

 7E9050

 647738

 4B5E21

 334608

 1D3000

 001C00

 ECFFB8

 ECFFB8

 E5FF9F

 F3FFD2

 DEFF85

 FAFFEB

 D8FF6B

FFFFFF

 D1FF52

 CAFF39

 C3FF1F

 BCFF06

 BBFF00

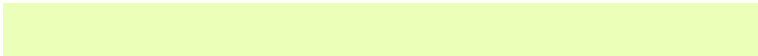
Harmonies

Analogous

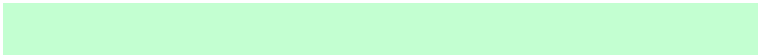
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF4B0



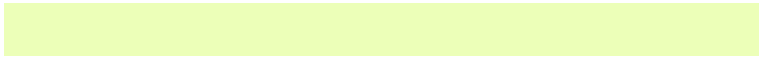
ECFFB8



C3FFD1

Triad

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



ECFFB8



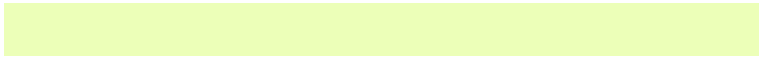
9BFFFF



FFDDFA

Complementary

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



ECFFB8



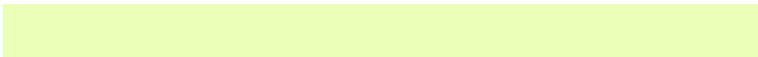
CBB8FF

Split Complementary

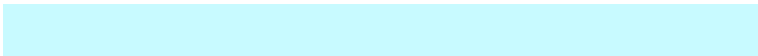
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE3FF



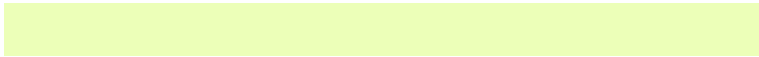
ECFFB8



C8FAFF

Square

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



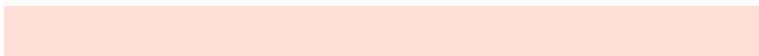
ECFFB8



8AFFFF



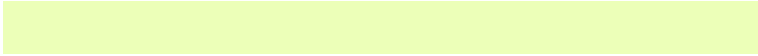
FAEEFF



FFDFD6

Rectangle

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



ECFFB8



A9FFE8



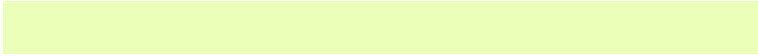
FAEEFF



FFDEFF

Sweetspot

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



ECFFB8



FAFFEB



FFCBB8



7C8073



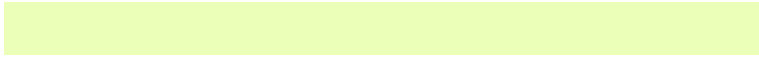
000000



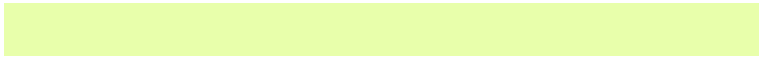
808080

Same Dimension

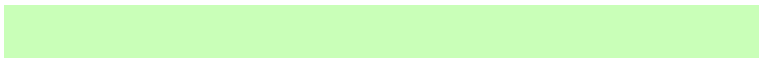
The Same Dimension uses a secret algorithm to generate beautiful new colors.



ECFFB8



E8FFAB



C9FFB8



7C8073



8CBF00



2F4000

Inverse Universe

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



CBB8FF



C1ABFF



EEB8FF



767380



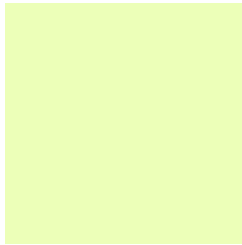
3300BF



110040

Previews

White Background



This preview shows how the Hex color ECFFB8 looks on a white background.

Color Contrast Check

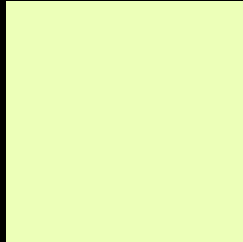
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color ECFFB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

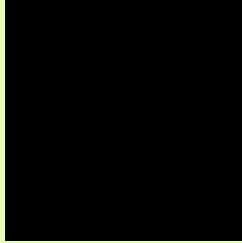
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

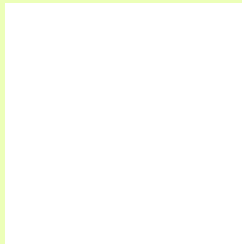
Any Text WCAG AAA ✓ Pass

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

Hex ECFFB8 Background



This preview shows how black text looks on a background with the Hex color ECFFB8.

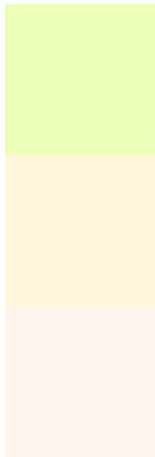


This preview shows how white text looks on a background with the Hex color ECFFB8.

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
ECFFB8

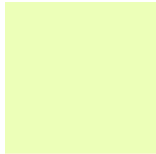
Protanopia
FFF6DC

Deuteranopia
FFF5ED

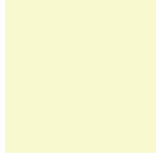


Tritanopia
F7F6FF

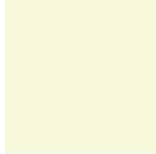
Trichromacy



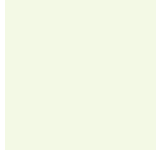
Original Color
ECFFB8



Protanomaly
F8F9CF



Deuteranomaly
F8F9DA

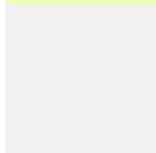


Tritanomaly
F3F9E5

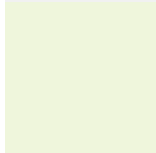
Monochromacy



Original Color
ECFFB8



Achromatopsia
F1F1F1



Achromatomaly
EFF6DC

CSS Examples

Text

The CSS property to change the color of the text to Hex ECFFB8 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 #ECFFB8 looks like.

```
.text, #text, p{  
    color:#ECFFB8  
}
```

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 #ECFFB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECFFB8  
}
```

Border

The CSS property to change the border of an element to Hex ECFFB8 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  
#ECFFB8 }
```

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

```
.border{ border-color:#ECFFB8 }
```

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

Here you see how a box with a 4 pixel #ECFFB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECFFB8; -webkit-box-shadow:4px 4px  
4px 4px #ECFFB8; box-shadow:4px 4px 4px  
4px #ECFFB8 }
```

Background

The CSS property to change the background color of an element to Hex ECFFB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECFFB8 }
```

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

```
.background{ background-color:#ECFFB8 }
```

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