

# Converting Colors

Hex(CEFAE9)

Have a look what the booklet for  
Hex(CEFAE9) contains.

<b>Hex(CEFAE9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CEFAE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEFAE9
RGB	206, 250, 233
RGB Percent	81%, 98%, 91%
CMY	0.1922, 0.0196, 0.0863
CMYK	0.18, 0.00, 0.07, 0.02
HSL	157°, 81%, 89%
HSV	157°, 18%, 98%
XYZ	74.3472, 87.3762, 90.0376
YIQ	234.9060, -20.7670, -14.6150

# Conversions

## Conversions Part 2

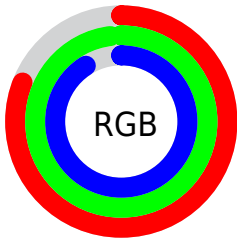
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 233, 250
Decimal	13564649
CIE <sub>Lab</sub>	94.90, -17.31, 3.48
CIE <sub>LCh</sub>	95, 17.660, 168.636
Yxy	87.3762, 0.2953, 0.3471
Android (android.graphics.Color)	4291754729 (0xFFCEFAE9)
YUV	234.9060, -0.9397, -25.3506
Hunter-Lab	93.4752, -21.6086, 8.3231

# Details

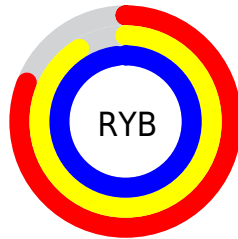
The Hex color **CEFAE9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FACEDF**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **97C1B1** is the 20% darker color. If you saturate the color by 10%, you get **B5FADF**, and if you desaturate by 10%, it is **E7FAF3**.

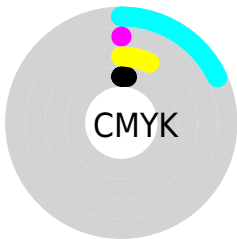
# Distribution



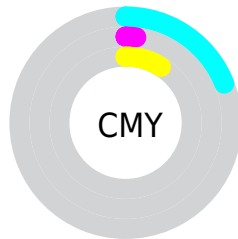
- Red (81%)
- Green (98%)
- Blue (91%)



- Red (81%)
- Yellow (91%)
- Blue (98%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (19%)
- Magenta (2%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEFAE9 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 CEFAE9 by changing the saturation by 10% instead.



 CEFAE9

FFFFFF

 CEFAE9

 B2DDCD

 97C1B1

 7DA697

 638C7D

 4B7264

 33594C

 1B4235

 032C20

 001809

 CEFAE9

 CEFAE9

 B5FADF

 E7FAF3

 9CFAD6

 FFFAFC

 83FACC

 FFFAFF

 6AFAC2

 51FAB9

 38FAAF

 1FFAA5

 06FA9C

 00FA99

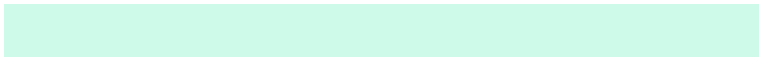
# Harmonies

## Analogous

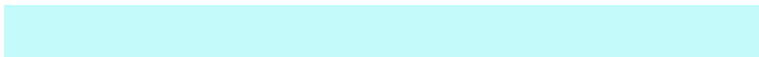
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DFF7D9



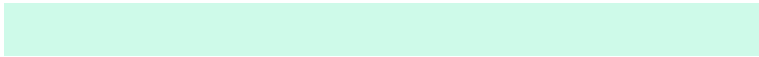
CEFAE9



C5FAFB

# Triad

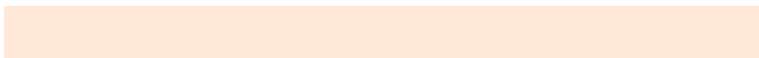
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CEFAE9



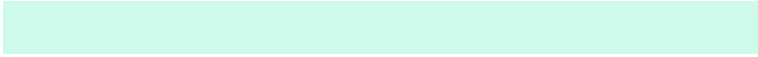
EBEEFF



FFE8D7

# Complementary

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



CEFAE9



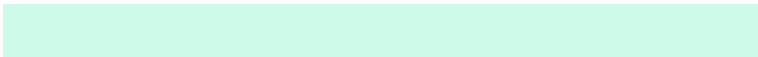
FACEDF

# 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.



FFE5E6



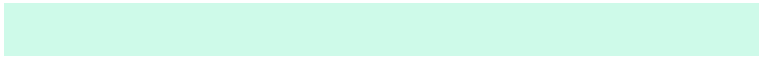
CEFAE9



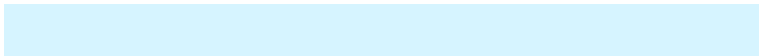
FFE9FF

# Square

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



CEFAE9



D6F4FF



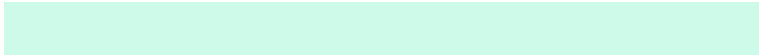
FFE5F8



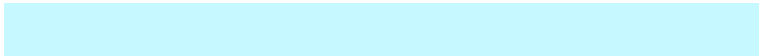
FFEDCF

# Rectangle

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



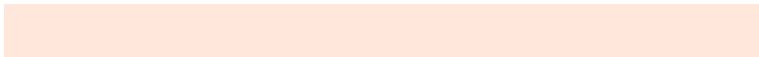
CEFAE9



C5F9FF



FFE5F8

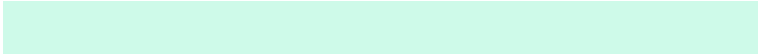


FFE7DC



# Sweetspot

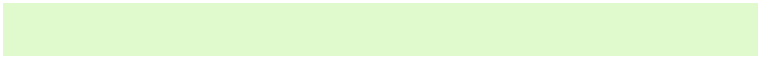
The Sweet Spot groups the original color and five complimentary colors.



CEFAE9



F2FFFA



E0FACE



78807D



000000

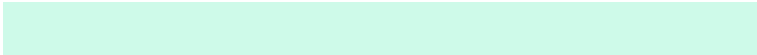


808080

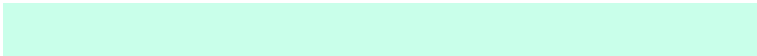


# Same Dimension

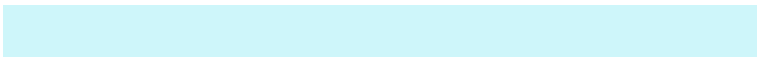
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CEFAE9



C9FFEA



CEF6FA



707D78



00BD74



003D26



# Inverse Universe

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



FACEDF



FFC9DE



FAD2CE



7D7075



BD0049



3D0018



# Previews

## White Background



This preview shows how the Hex color CEFAE9 looks on a white background.

## Color Contrast Check

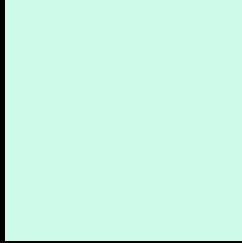
Large Text (above 18pt) WCAG AA × Fail

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 CEFAE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

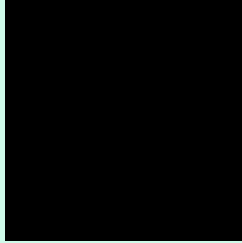
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

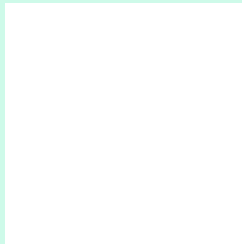
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEFAE9 Background



This preview shows how black text looks on a background with the Hex color CEFAE9.



This preview shows how white text looks on a background with the Hex color CEFAE9.

# 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



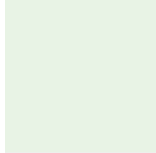


**Tritanopia**  
E0F3FF

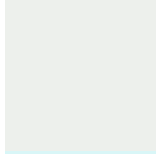
# Trichromacy



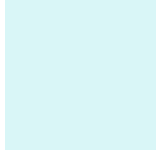
**Original Color**  
CEFAE9



**Protanomaly**  
E8F3E5



**Deuteranomaly**  
EDF0EC

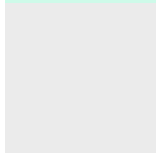


**Tritanomaly**  
D9F6F7

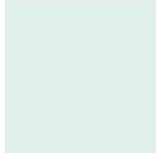
# Monochromacy



**Original Color**  
CEFAE9



**Achromatopsia**  
EBEBEB



**Achromatomaly**  
E0F0EA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEFAE9 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 #CEFAE9 looks like.

```
.text, #text, p{  
    color:#CEFAE9  
}
```

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 #CEFAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEFAE9
}
```

## Border

The CSS property to change the border of an element to Hex CEFAE9 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
#CEFAE9 }
```

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

```
.border{ border-color:#CEFAE9 }
```

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

Here you see how a box with a 4 pixel #CEFAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEFAE9; -webkit-box-shadow:4px 4px  
4px 4px #CEFAE9; box-shadow:4px 4px 4px  
4px #CEFAE9 }
```

# Background

The CSS property to change the background color of an element to Hex CEFAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEFAE9 }
```

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

```
.background{ background-color:#CEFAE9 }
```

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