

# Converting Colors

Hex(ACECFC)

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

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

# **Color**

**Hex(ACECFC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ACECFC
RGB	172, 236, 252
RGB Percent	67%, 93%, 99%
CMY	0.3255, 0.0745, 0.0118
CMYK	0.32, 0.06, 0.00, 0.01
HSL	192°, 93%, 83%
HSV	192°, 32%, 99%
XYZ	64.5794, 75.7898, 103.3207
YIQ	218.6880, -43.2800, -8.5920

# Conversions

## Conversions Part 2

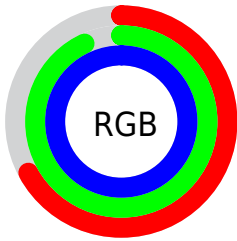
Format	Color
R <sub>Y</sub> B	172, 208, 252
Decimal	11332860
CIE Lab	89.76, -16.31, -14.19
CIE LCh	90, 21.613, 221.025
Yxy	75.7898, 0.2650, 0.3110
Android (android.graphics.Color)	4289522940 (0xFFACEFCFC)
YUV	218.6880, 16.4228, -40.9454
Hunter-Lab	87.0574, -19.9386, -9.4259

# Details

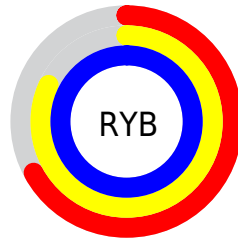
The Hex color **ACECFC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FCBCAC**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **E5FFFF**, and **75B4C3** is the 20% darker color. If you saturate the color by 10%, you get **93E7FC**, and if you desaturate by 10%, it is **C5F1FC**.

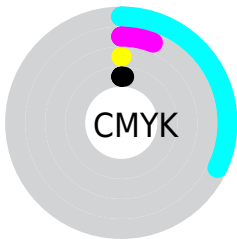
# Distribution



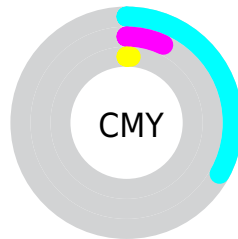
- Red (67%)
- Green (93%)
- Blue (99%)



- Red (67%)
- Yellow (82%)
- Blue (99%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (33%)
- Magenta (7%)
- Yellow (1%)

# Brightness & Saturation Gradients

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



 ACECFC

 ACECFC

FFFFFF

 90D0DF

 E5FFFF

 75B4C3

 5A99A8

 3E7F8E

 216674

 004E5C

 003744

 00212E

 00011A

 ACECFC

 ACECFC

 93E7FC

 C5F1FC

 7AE2FC

 DEF6FC

 60DDFC

 F8FBFC

 47D8FC

 FFFFFC

 2ED3FC

 15CEFC

 00CAFC

# Harmonies

## Analogous

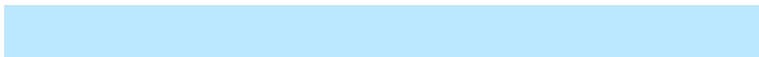
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADEE9



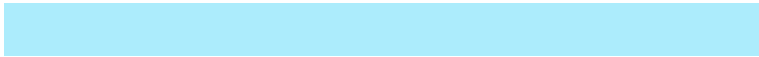
ACECFC



BBE7FF

# Triad

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



ACECFC



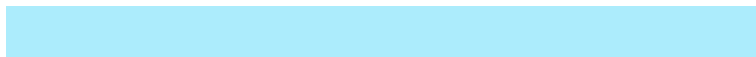
FFD5F0



EAE3B9

# Complementary

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



ACECFC



FCBCAC

# 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.



FEDCBB



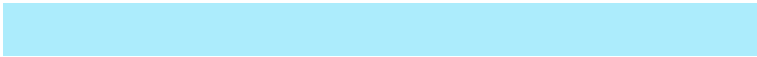
ACECFC



FFD3DB

# Square

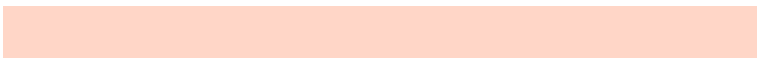
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



ACECFC



EFD AFF



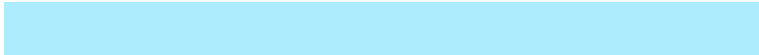
FFD6C7



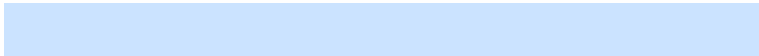
D2E9C2

# Rectangle

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



ACECFC



CBE3FF



FFD6C7

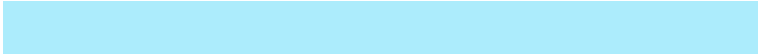


F1E0B9

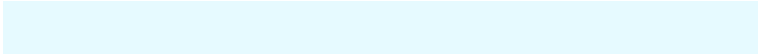


# Sweetspot

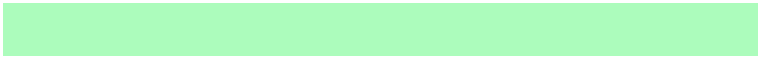
The Sweet Spot groups the original color and five complimentary colors.



ACECFC



E6FAFF



ACFCBC



707C80



000000



808080

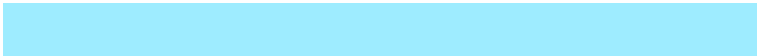


# Same Dimension

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



ACECFC



9EECFE



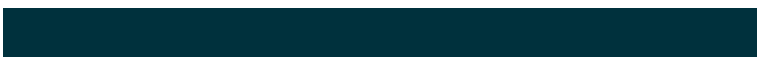
ACC4FC



707A7D



0097BD



00313D



# Inverse Universe

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



FCACEC



FF9EEC



FCE4AC



7D707A



BD0097

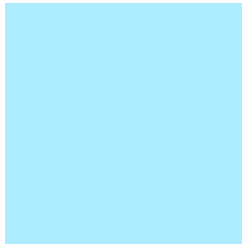


3D0031



# Previews

## White Background



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

## Color Contrast Check

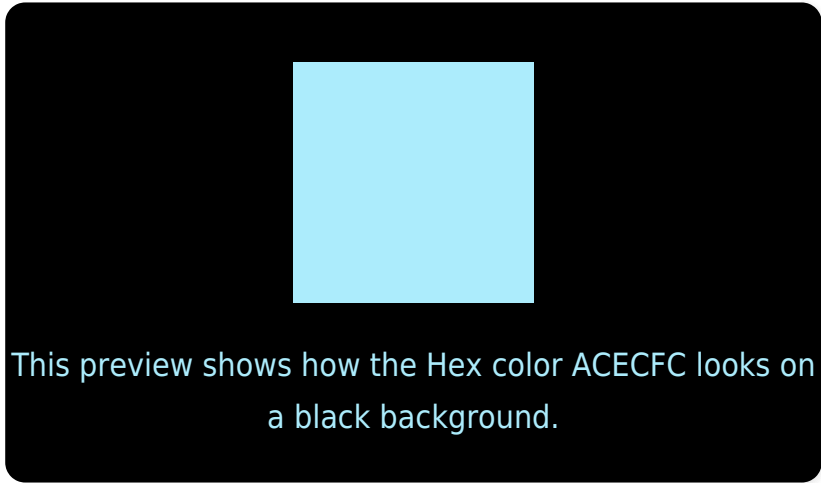
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 ACECFC Background



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



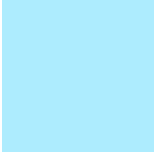
This preview shows how white text looks on a background with the Hex color ACECFC.

# Color Blindness Simulation

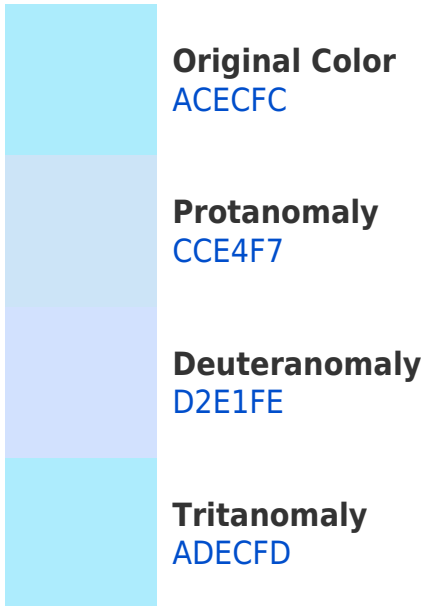
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

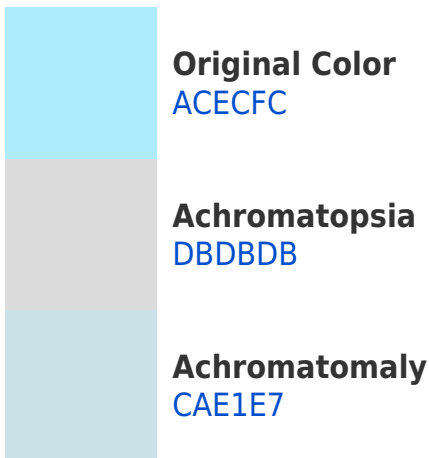




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #ACECFC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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