

# Converting Colors

Hex(CEECFD)

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

<b>Hex(CEECFD)</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(CEECFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEECFD
RGB	206, 236, 253
RGB Percent	81%, 93%, 99%
CMY	0.1922, 0.0745, 0.0078
CMYK	0.19, 0.07, 0.00, 0.01
HSL	202°, 92%, 90%
HSV	202°, 19%, 99%
XYZ	73.1787, 80.2046, 104.5526
YIQ	228.9680, -23.3370, -1.0730

# Conversions

## Conversions Part 2

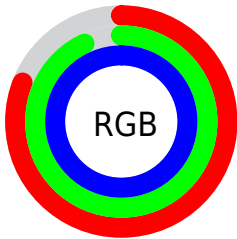
Format	Color
R <sub>Y</sub> B	206, 224, 253
Decimal	13561085
CIE Lab	91.78, -6.29, -11.49
CIE LCh	92, 13.098, 241.316
Yxy	80.2046, 0.2837, 0.3109
Android (android.graphics.Color)	4291751165 (0xFFCEECFD)
YUV	228.9680, 11.8478, -20.1429
Hunter-Lab	89.5570, -10.8691, -6.5277

# Details

The Hex color **CEECFD** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FDDFCE**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **97B4C4** is the 20% darker color. If you saturate the color by 10%, you get **B5E3FD**, and if you desaturate by 10%, it is **E7F5FD**.

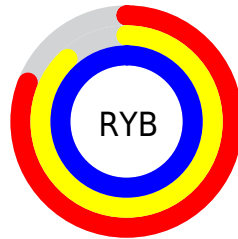
# Distribution



Red (81%)

Green (93%)

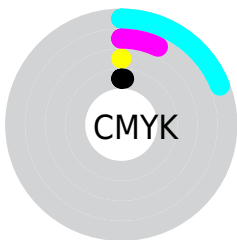
Blue (99%)



Red (81%)

Yellow (88%)

Blue (99%)

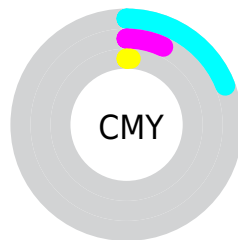


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (19%)

Magenta (7%)

Yellow (1%)

# Brightness & Saturation Gradients

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



 CEECFD

FFFFFF

 CEECFD

 B2D0E0

 97B4C4

 7D99A9

 637F8F

 4B6675

 334E5C

 1B3845

 02222F

 000C1A

 CEECFD

 CEECFD

 B5E3FD

 E7F5FD

 9BDAFD

 FFFEFD

 82D1FD

 FFFFFD

 69C7FD

 4FBEDF

 36B5FD

 1DACFD

 04A3FD

 00A1FD

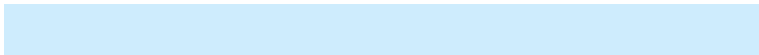
# Harmonies

## Analogous

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



C8EEF4



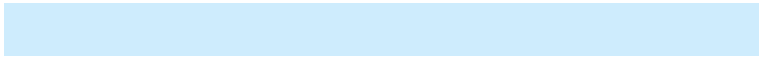
CEECFD



DBE8FF

# Triad

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



CEECFD



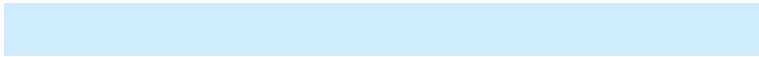
FFDFE7



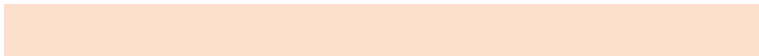
E3EBD2

# Complementary

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



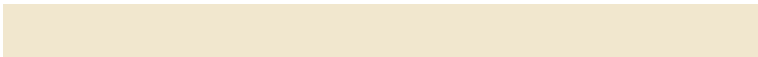
CEECFD



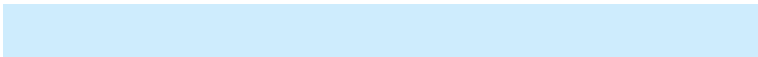
FDDFCE

# Split Complementary

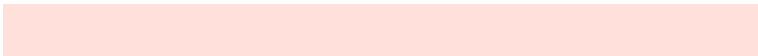
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F1E7CE



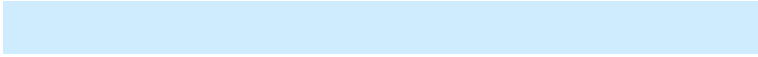
CEECFD



FFE0DB

# Square

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



CEECFD



F9E1F4



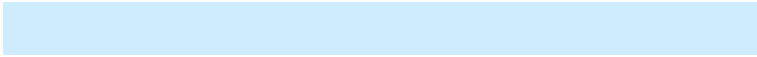
FDE3D2



D5EEDB

# Rectangle

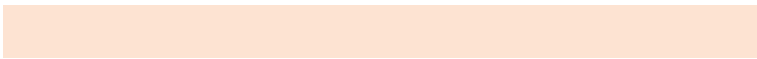
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CEECFD



E5E5FF



FDE3D2

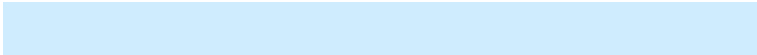


E8E9D0



# Sweetspot

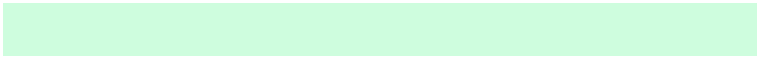
The Sweet Spot groups the original color and five complimentary colors.



CEECFD



F0F9FF



CEFDDE



777C80



000000

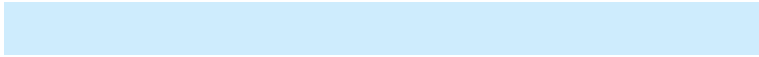


808080

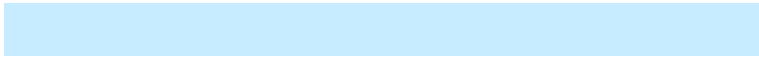


# Same Dimension

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



CEECFD



C7EBFF



CED5FD



737B80



007ABF



002940



# Inverse Universe

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



FDCEEC



FFC7EB



FDF6CE



80737B



BF007A

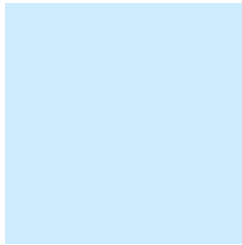


400029



# Previews

## White Background



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

## Color Contrast Check

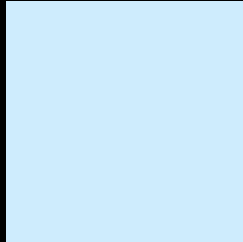
Large Text (above 18pt) WCAG AA × Fail

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 CEECFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

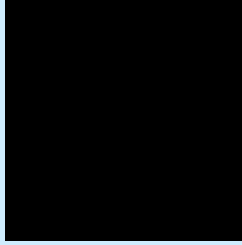
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

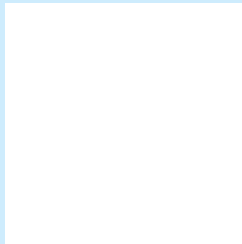
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEECFD Background



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

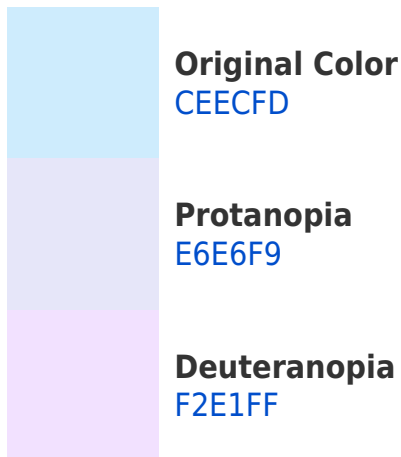


This preview shows how white text looks on a background with the Hex color CEECFD.

# 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 CEECFD 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 #CEECFD looks like.

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

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 #CEECFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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