

# Converting Colors

Hex(C1E5FA)

Have a look what the booklet for  
Hex(C1E5FA) contains.

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# **Color**

**Hex(C1E5FA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1E5FA
RGB	193, 229, 250
RGB Percent	76%, 90%, 98%
CMY	0.2431, 0.1020, 0.0196
CMYK	0.23, 0.08, 0.00, 0.02
HSL	202°, 85%, 87%
HSV	202°, 23%, 98%
XYZ	67.2669, 74.2782, 101.2343
YIQ	220.6300, -28.1970, -1.1010

# Conversions

## Conversions Part 2

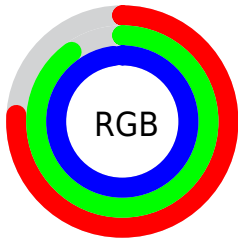
Format	Color
R <sub>Y</sub> B	193, 215, 250
Decimal	12707322
CIE Lab	89.05, -7.24, -14.08
CIE LCh	89, 15.828, 242.782
Yxy	74.2782, 0.2771, 0.3059
Android (android.graphics.Color)	4290897402 (0xFFC1E5FA)
YUV	220.6300, 14.4794, -24.2315
Hunter-Lab	86.1848, -11.5048, -9.3138

# Details

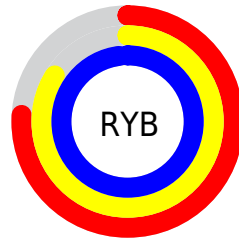
The Hex color **C1E5FA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FAD6C1**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FAFFFF**, and **8AAEC2** is the 20% darker color. If you saturate the color by 10%, you get **A8DCFA**, and if you desaturate by 10%, it is **DAEEFA**.

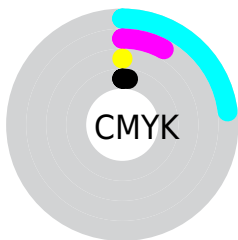
# Distribution



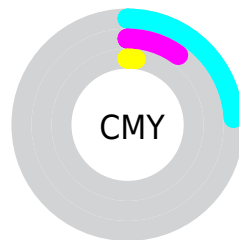
- Red (76%)
- Green (90%)
- Blue (98%)



- Red (76%)
- Yellow (84%)
- Blue (98%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (10%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1E5FA 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 C1E5FA by changing the saturation by 10% instead.



 C1E5FA


 C1E5FA

FFFFFF

 A5C9DD

 FAFFFF

 8AAEC2

 7093A6

 57798C

 3E6072

 25495A

 093242

 001D2C

 000118

 C1E5FA

 C1E5FA

 A8DCFA

 DAEEFA

 8FD3FA

 F3F7FA

 76C9FA

 FFFFA

 5DC0FA

 44B7FA

 2BAEFA

 12A5FA

 009EFA

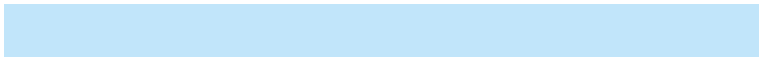
# Harmonies

## Analogous

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



B9E8EF



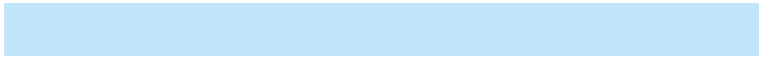
C1E5FA



D1E0FE

# Triad

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



C1E5FA



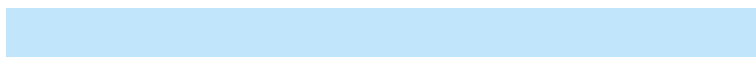
FFD5DF



DAE4C6

# Complementary

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



C1E5FA



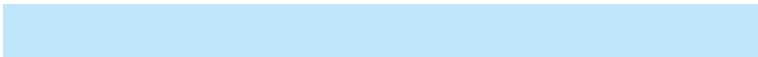
FAD6C1

# 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.



EBDFC2



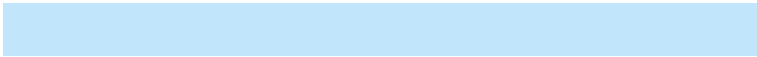
C1E5FA



FFD7D0

# Square

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



C1E5FA



F5D7EE



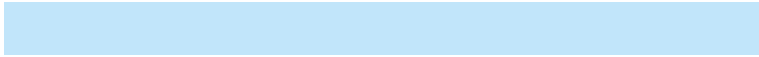
F8DAC5



C9E7D1

# Rectangle

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



C1E5FA



DEDDFB



F8DAC5

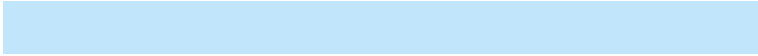


DFE2C4

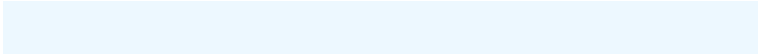


# Sweetspot

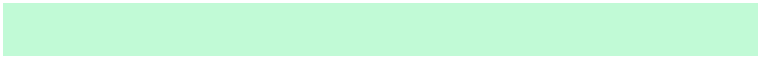
The Sweet Spot groups the original color and five complimentary colors.



C1E5FA



EDF8FF



C1FAD6



757C80



000000

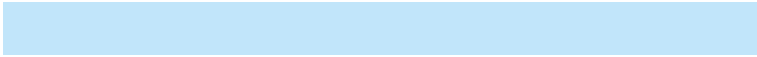


808080

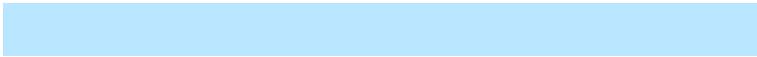


# Same Dimension

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



C1E5FA



BAE6FF



C1C9FA



70787D



0077BD



00273D



# Inverse Universe

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



FAC1E5



FFBAE6



FAF2C1



7D7078



BD0077

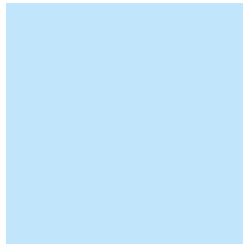


3D0027



# Previews

## White Background



This preview shows how the Hex color C1E5FA looks on a white background.

## Color Contrast Check

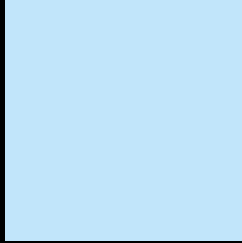
Large Text (above 18pt) WCAG AA × Fail

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 C1E5FA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

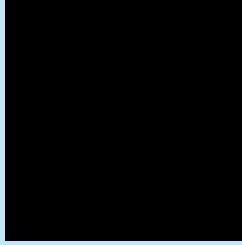
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

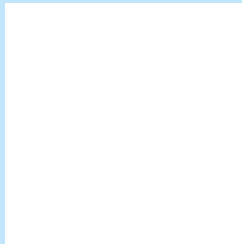
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1E5FA Background



This preview shows how black text looks on a background with the Hex color C1E5FA.

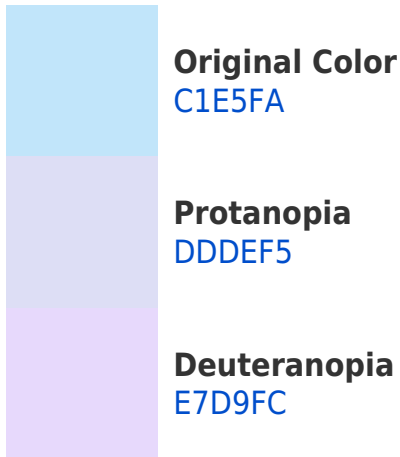


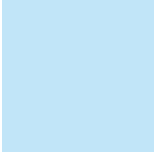
This preview shows how white text looks on a background with the Hex color C1E5FA.

# 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



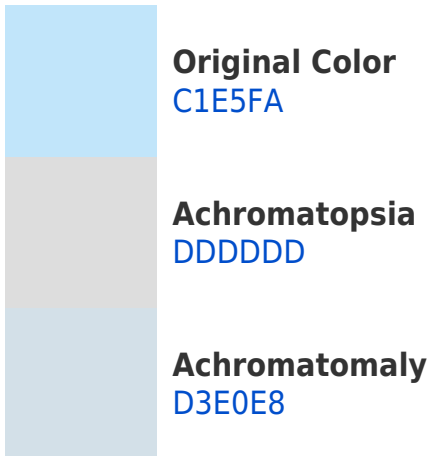


**Tritanopia**  
C1E5F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1E5FA 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 #C1E5FA looks like.

```
.text, #text, p{  
    color:#C1E5FA  
}
```

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 #C1E5FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E5FA
}
```

## Border

The CSS property to change the border of an element to Hex C1E5FA 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
#C1E5FA }
```

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

```
.border{ border-color:#C1E5FA }
```

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

Here you see how a box with a 4 pixel #C1E5FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E5FA; -webkit-box-shadow:4px 4px  
4px 4px #C1E5FA; box-shadow:4px 4px 4px  
4px #C1E5FA }
```

# Background

The CSS property to change the background color of an element to Hex C1E5FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E5FA }
```

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

```
.background{ background-color:#C1E5FA }
```

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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