

Converting Colors

Hex(C1E1FF)

Have a look what the booklet for
Hex(C1E1FF) contains.

Hex(C1E1FF)	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(C1E1FF)

Conversions

Conversions Part 1

Format	Color
Hex	C1E1FF
RGB	193, 225, 255
RGB Percent	76%, 88%, 100%
CMY	0.2431, 0.1176, 0.0000
CMYK	0.24, 0.12, 0.00, 0.00
HSL	209°, 100%, 88%
HSV	209°, 24%, 100%
XYZ	66.9675, 72.4079, 105.0543
YIQ	218.8520, -28.7020, 2.5460

Conversions

Conversions Part 2

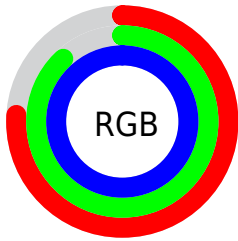
Format	Color
R _Y B	193, 214, 255
Decimal	12706303
CIE Lab	88.16, -4.07, -18.03
CIE LCh	88, 18.487, 257.287
Yxy	72.4079, 0.2740, 0.2962
Android (android.graphics.Color)	4290896383 (0xFFC1E1FF)
YUV	218.8520, 17.8210, -22.6722
Hunter-Lab	85.0928, -8.4340, -13.6336

Details

The Hex color **C1E1FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDFC1**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FAFFFF**, and **8AAAC6** is the 20% darker color. If you saturate the color by 10%, you get **A8D5FF**, and if you desaturate by 10%, it is **DBEDFF**.

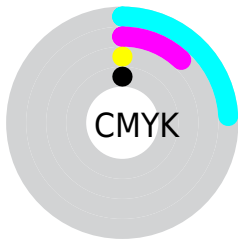
Distribution



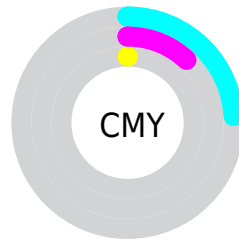
- Red (76%)
- Green (88%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E1FF 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 C1E1FF by changing the saturation by 10% instead.

 C1E1FF

FFFFFF

 FAFFFF

 C1E1FF

 A5C5E2

 8AAAC6

 708FAB

 567690

 3D5D77

 24465E

 072F46

 001B30

 00011B

 C1E1FF

 C1E1FF

 A8D5FF

 DBEDFF

 8EC8FF

 F4FAFF

 75BCFF

FFFFFF

 5BB0FF

 42A3FF

 2897FF

 0F8BFF

 0084FF

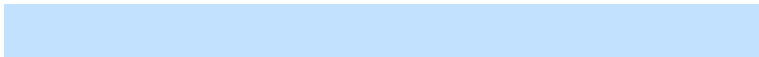
Harmonies

Analogous

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



B2E5F6



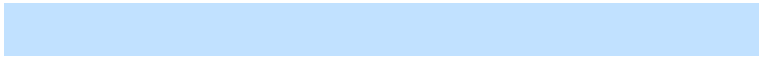
C1E1FF



D7DBFF

Triad

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



C1E1FF



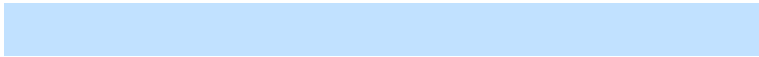
FFD1D3



CCE4C5

Complementary

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



C1E1FF



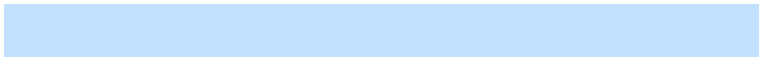
FFDFC1

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.



E0DFBC



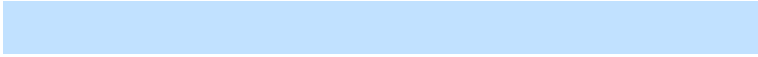
C1E1FF



FFD4C4

Square

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



C1E1FF



FCD2E5



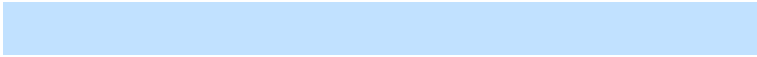
F3D9BB



BAE7D5

Rectangle

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



C1E1FF



E6D7F9



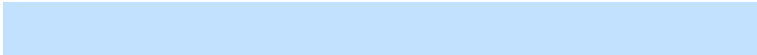
F3D9BB



D3E3C1

Sweetspot

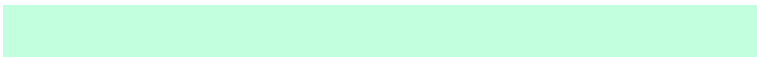
The Sweet Spot groups the original color and five complimentary colors.



C1E1FF



EDF6FF



C1FFDF



757B80



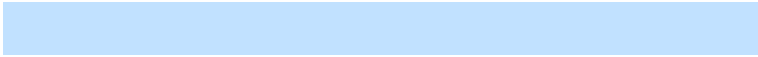
000000



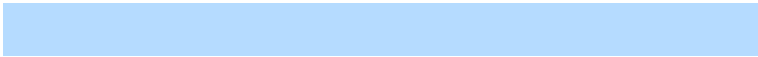
808080

Same Dimension

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



C1E1FF



B5DBFF



C1C2FF



737980



0063BF



002140

Inverse Universe

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



FFC1E1



FFB5DB



FFFEC1



807379



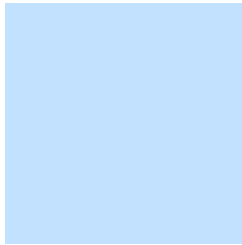
BF0063



400021

Previews

White Background



This preview shows how the Hex color C1E1FF looks on a white background.

Color Contrast Check

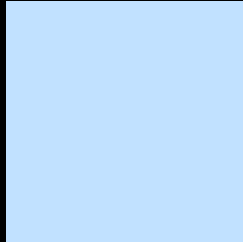
Large Text (above 18pt) WCAG AA × Fail

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 C1E1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

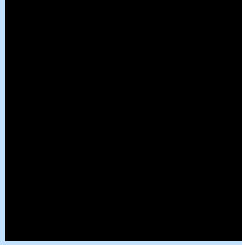
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

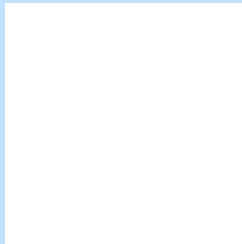
Any Text WCAG AAA ✓ Pass

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

Hex C1E1FF Background



This preview shows how black text looks on a background with the Hex color C1E1FF.

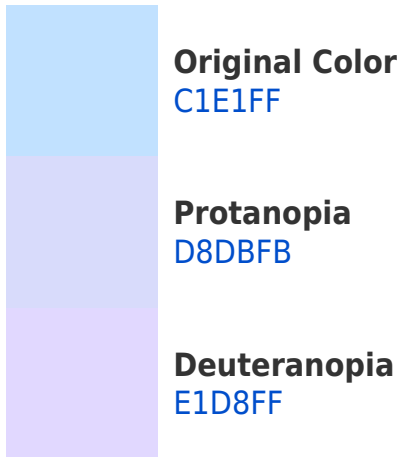


This preview shows how white text looks on a background with the Hex color C1E1FF.

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



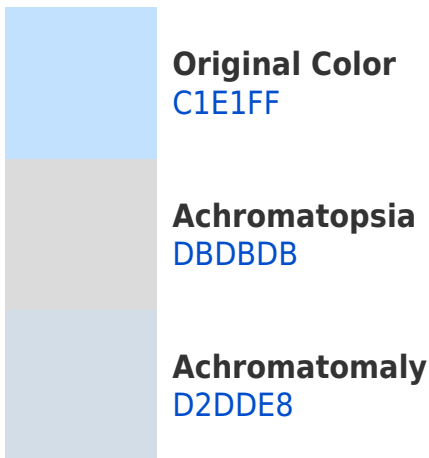


Tritanopia
BFE3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1E1FF 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 #C1E1FF looks like.

```
.text, #text, p{  
    color:#C1E1FF  
}
```

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 #C1E1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E1FF
}
```

Border

The CSS property to change the border of an element to Hex C1E1FF 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
#C1E1FF }
```

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

```
.border{ border-color:#C1E1FF }
```

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

Here you see how a box with a 4 pixel #C1E1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E1FF; -webkit-box-shadow:4px 4px  
4px 4px #C1E1FF; box-shadow:4px 4px 4px  
4px #C1E1FF }
```

Background

The CSS property to change the background color of an element to Hex C1E1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E1FF }
```

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

```
.background{ background-color:#C1E1FF }
```

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