

Converting Colors

Hex(1C8EE0)

Have a look what the booklet for
Hex(1C8EE0) contains.

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Color

Hex(1C8EE0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1C8EE0 |
| RGB | 28, 142, 224 |
| RGB Percent | 11%, 56%, 88% |
| CMY | 0.8902, 0.4431, 0.1216 |
| CMYK | 0.87, 0.37, 0.00, 0.12 |
| HSL | 205°, 78%, 49% |
| HSV | 205°, 87%, 88% |
| XYZ | 23.6064, 24.9747, 74.0974 |
| YIQ | 117.2620, -94.2660, 1.3340 |

Conversions

Conversions Part 2

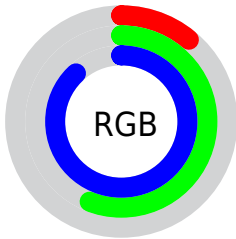
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 28, 100, 224 |
| Decimal | 1871584 |
| CIE Lab | 57.05, -0.58, -49.97 |
| CIE LCh | 57, 49.972, 269.333 |
| Yxy | 24.9747, 0.1924, 0.2036 |
| Android (android.graphics.Color) | 4280061664 (0xFF1C8EE0) |
| YUV | 117.2620, 52.6218, -78.2828 |
| Hunter-Lab | 49.9747, -3.1381, -52.9269 |




Details

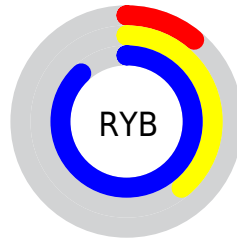
The Hex color **1C8EE0** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E06E1C**, and the grayscale version is **757575**.




A 20% lighter version of the original color is **6EC3FF**, and **005CA8** is the 20% darker color. If you saturate the color by 10%, you get **0685E0**, and if you desaturate by 10%, it is **3297E0**.

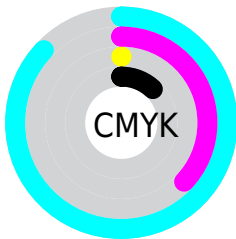
Distribution







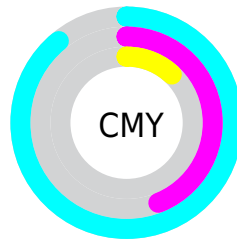
-  Red (11%)
-  Green (56%)
-  Blue (88%)






-  Red (11%)
-  Yellow (39%)
-  Blue (88%)



-  Cyan (87%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (12%)



-  Cyan (89%)
-  Magenta (44%)
-  Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8EE0 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 1C8EE0 by changing the saturation by 10% instead.

1C8EE0

1C8EE0

FFFFFF

0075C4

6EC3FF

005CA8

8FDFFF

00458D

AEFCFF

003073

CDFFFF

001C5A

EBFFFF

000742

00032B

000115

000000

■ 1C8EE0

■ 1C8EE0

■ 0685E0

■ 3297E0

■ 0082E0

■ 49A1E0

■ 5FAAE0

■ 76B3E0

■ 8CBDE0

■ A2C6E0

■ B9D0E0

■ CFD9E0

■ E6E2E0

Harmonies

Analogous

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



0099D3



1C8EE0



897ED5

Triad

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



1C8EE0



D76761



3A9B5B

Complementary

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



1C8EE0



E06E1C

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.



769338



1C8EE0



C4763E

Square

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



1C8EE0



D6628C



A2862C



009E87

Rectangle

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



1C8EE0



AF72C2



A2862C



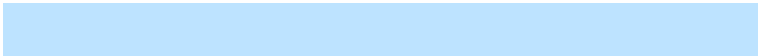
52994E

Sweetspot

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



1C8EE0



BDE3FF



1CE06E



586F80



000000



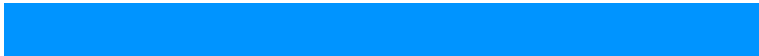
808080

Same Dimension

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



1C8EE0



0094FF



1C2CE0



656C70



0066B0



001C30

Inverse Universe

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



E01C8E



FF0094



E0D01C



70656C



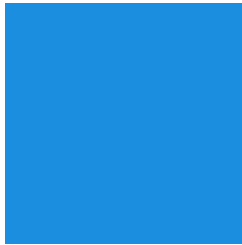
B00066



30001C

Previews

White Background



This preview shows how the Hex color 1C8EE0 looks on a white background.

Color Contrast Check

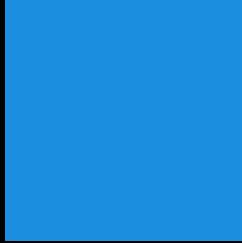
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C8EE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

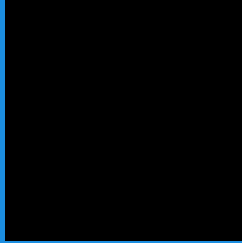
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

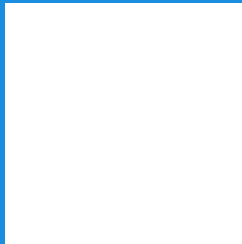
Any Text WCAG AAA × Fail

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

Hex 1C8EE0 Background



This preview shows how black text looks on a background with the Hex color 1C8EE0.



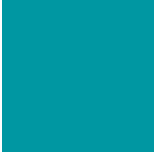
This preview shows how white text looks on a background with the Hex color 1C8EE0.

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](#).

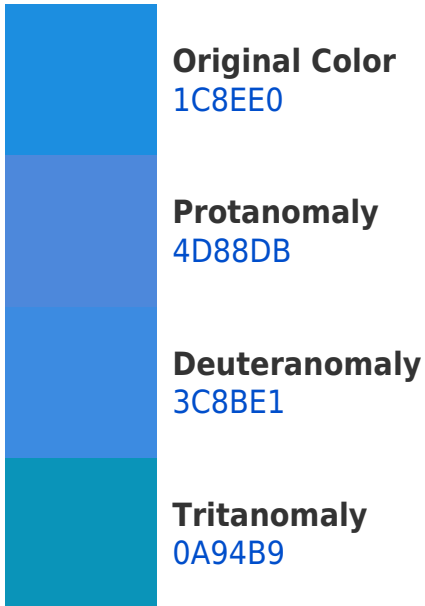
Dichromacy





Tritanopia
0097A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8EE0 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 #1C8EE0 looks like.

```
.text, #text, p{  
    color:#1C8EE0  
}
```

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 #1C8EE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8EE0
}
```

Border

The CSS property to change the border of an element to Hex 1C8EE0 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
#1C8EE0 }
```

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

```
.border{ border-color:#1C8EE0 }
```

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

Here you see how a box with a 4 pixel #1C8EE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8EE0; -webkit-box-shadow:4px 4px  
4px 4px #1C8EE0; box-shadow:4px 4px 4px  
4px #1C8EE0 }
```

Background

The CSS property to change the background color of an element to Hex 1C8EE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8EE0 }
```

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

```
.background{ background-color:#1C8EE0 }
```

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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