

Converting Colors

Hex(77C1EB)

Have a look what the booklet for
Hex(77C1EB) contains.

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Color

Hex(77C1EB)

Conversions

Conversions Part 1

Format	Color
Hex	77C1EB
RGB	119, 193, 235
RGB Percent	47%, 76%, 92%
CMY	0.5333, 0.2431, 0.0784
CMYK	0.49, 0.18, 0.00, 0.08
HSL	202°, 74%, 69%
HSV	202°, 49%, 92%
XYZ	41.6731, 48.0600, 85.6774
YIQ	175.6620, -57.5860, -2.6260

Conversions

Conversions Part 2

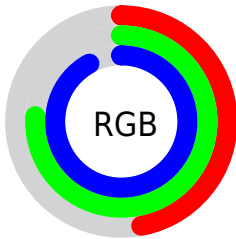
Format	Color
R _Y B	119, 164, 235
Decimal	7848427
CIE Lab	74.86, -11.80, -27.98
CIE LCh	75, 30.370, 247.131
Yxy	48.0600, 0.2376, 0.2740
Android (android.graphics.Color)	4286038507 (0xFF77C1EB)
YUV	175.6620, 29.2536, -49.6926
Hunter-Lab	69.3253, -14.0187, -24.7472

Details

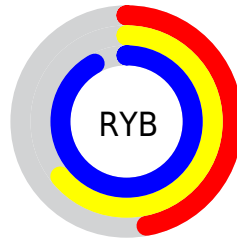
The Hex color **77C1EB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EBA177**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B1F9FF**, and **3B8CB3** is the 20% darker color. If you saturate the color by 10%, you get **60B8EB**, and if you desaturate by 10%, it is **8FCAEB**.

Distribution



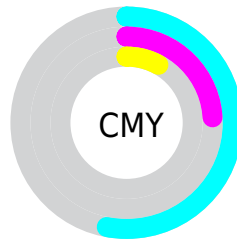
- Red (47%)
- Green (76%)
- Blue (92%)



- Red (47%)
- Yellow (64%)
- Blue (92%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (53%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C1EB 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 77C1EB by changing the saturation by 10% instead.

■ 77C1EB

FFFFFF

■ B1F9FF

■ CEFFFF

■ ECFFFF

■ 77C1EB

■ 5AA6CF

■ 3B8CB3

■ 127298

■ 005A7E

■ 004265

■ 002C4D

■ 001836

■ 000220

■ 000005

 77C1EB

 77C1EB

 60B8EB

 8FCAEB

 48B0EB

 A6D2EB

 31A7EB

 BDDBEb

 199FEB

 D5E3EB

 0296EB

 ECECEB

 0096EB

 FFF4EB

 FFFDEB

 FFFFEB

Harmonies

Analogous

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



61C6D9



77C1EB



9EB9EF

Triad

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



77C1EB



F0A4B2



A7C18B

Complementary

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



77C1EB



EBA177

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.



C6B981



77C1EB



EEA798

Square

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



77C1EB



E2A7CF



DFAF85



86C6A2

Rectangle

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



77C1EB



B9B2EA



DFAF85



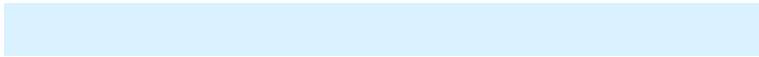
B1BE86

Sweetspot

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



77C1EB



D9F1FF



77EBA0



697780



000000



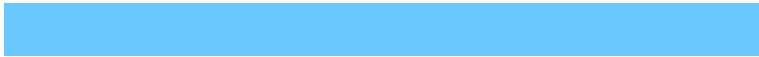
808080

Same Dimension

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



77C1EB



69C9FF



7788EB



6A7175



0073B5



002236

Inverse Universe

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



EB77C1



FF69C9



EBDA77



756A71



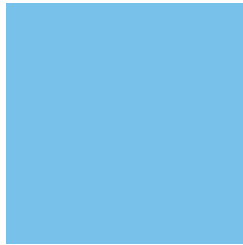
B50073



360022

Previews

White Background



This preview shows how the Hex color 77C1EB looks on a white background.

Color Contrast Check

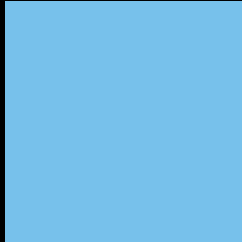
Large Text (above 18pt) WCAG AA × Fail

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 77C1EB 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

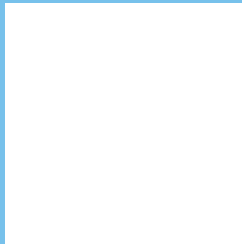
Any Text WCAG AAA ✓ Pass

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

Hex 77C1EB Background



This preview shows how black text looks on a background with the Hex color 77C1EB.

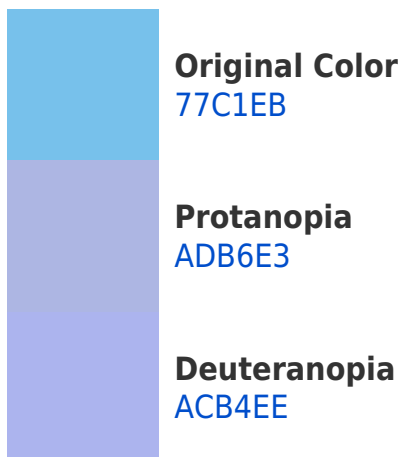


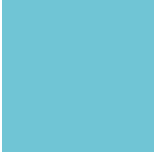
This preview shows how white text looks on a background with the Hex color 77C1EB.

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](#).

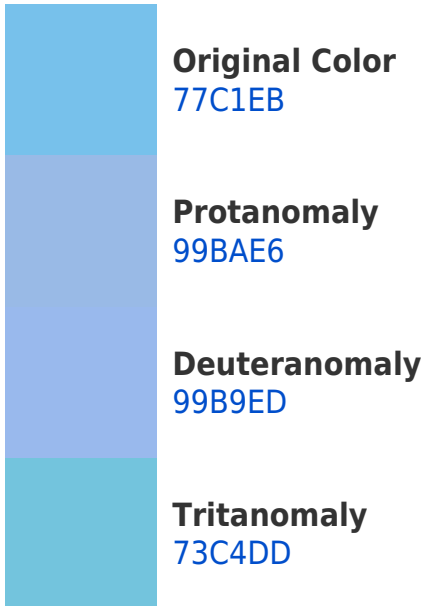
Dichromacy



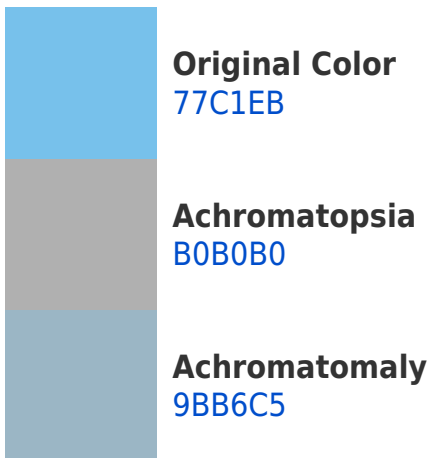


Tritanopia
70C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77C1EB 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 #77C1EB looks like.

```
.text, #text, p{  
    color:#77C1EB  
}
```

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 #77C1EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C1EB
}
```

Border

The CSS property to change the border of an element to Hex 77C1EB 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
#77C1EB }
```

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

```
.border{ border-color:#77C1EB }
```

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

Here you see how a box with a 4 pixel #77C1EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C1EB; -webkit-box-shadow:4px 4px  
4px 4px #77C1EB; box-shadow:4px 4px 4px  
4px #77C1EB }
```

Background

The CSS property to change the background color of an element to Hex 77C1EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C1EB }
```

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

```
.background{ background-color:#77C1EB }
```

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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