

Converting Colors

Hex(81C0EB)

Have a look what the booklet for
Hex(81C0EB) contains.

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Color

Hex(81C0EB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 81C0EB |
| RGB | 129, 192, 235 |
| RGB Percent | 51%, 75%, 92% |
| CMY | 0.4941, 0.2471, 0.0784 |
| CMYK | 0.45, 0.18, 0.00, 0.08 |
| HSL | 204°, 73%, 71% |
| HSV | 204°, 45%, 92% |
| XYZ | 42.8983, 48.3646, 85.6716 |
| YIQ | 178.0650, -51.3510, 0.0170 |

Conversions

Conversions Part 2

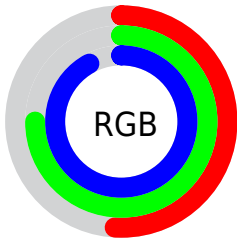
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 129, 169, 235 |
| Decimal | 8503531 |
| CIE _{Lab} | 75.05, -8.94, -27.65 |
| CIE _{LCh} | 75, 29.058, 252.079 |
| Yxy | 48.3646, 0.2425, 0.2733 |
| Android (android.graphics.Color) | 4286693611 (0xFF81C0EB) |
| YUV | 178.0650, 28.0690, -43.0300 |
| Hunter-Lab | 69.5446, -11.5962, -24.3577 |

Details

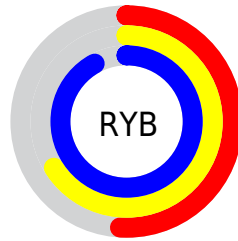
The Hex color **81C0EB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EBAC81**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BAF8FF**, and **488BB3** is the 20% darker color. If you saturate the color by 10%, you get **6AB6EB**, and if you desaturate by 10%, it is **99CAEB**.

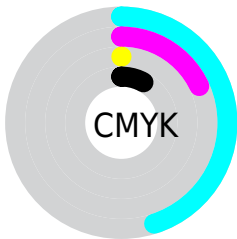
Distribution



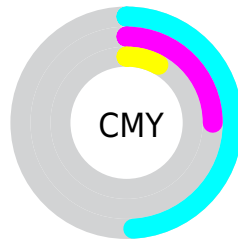
- Red (51%)
- Green (75%)
- Blue (92%)



- Red (51%)
- Yellow (66%)
- Blue (92%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C0EB 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 81C0EB by changing the saturation by 10% instead.

 81C0EB

 81C0EB

FFFFFF

 65A5CF

 BAF8FF

 488BB3

 D7FFFF

 287198

 F5FFFF

 00597E

 004165

 002B4D

 001836

 000220

 000005

81C0EB

81C0EB

6AB6EB

99CAEB

52ADEB

B0D3EB

3AA3EB

C8DDEB

239AEB

DFE6EB

0C90EB

F7F0EB

008CEB

FFF9EB

FFFFEB

Harmonies

Analogous

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



69C6DC



81C0EB



A7B8ED

Triad

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



81C0EB



EFA5AF



A3C290

Complementary

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



81C0EB



EBAC81

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.



C1BB84



81C0EB



EBA996

Square

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



81C0EB



E4A7CA



DAB286



85C6A7

Rectangle

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



81C0EB



BFB1E6



DAB286



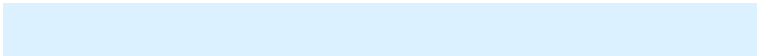
ADC08B

Sweetspot

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



81C0EB



DBF1FF



81EBAB



6A7780



000000



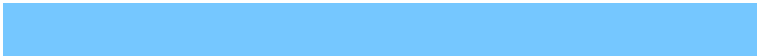
808080

Same Dimension

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



81C0EB



75C7FF



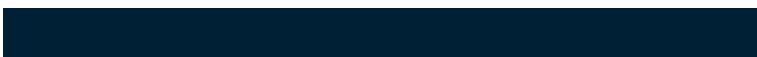
818CEB



6A7175



006CB5



002036

Inverse Universe

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



EB81C0



FF75C7



EBE081



756A71



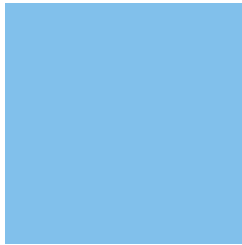
B5006C



360020

Previews

White Background



This preview shows how the Hex color 81C0EB looks on a white background.

Color Contrast Check

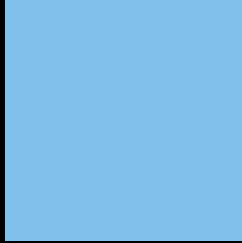
Large Text (above 18pt) WCAG AA × Fail

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 81C0EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

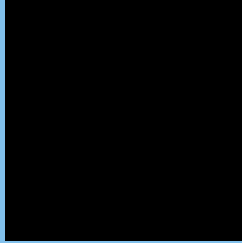
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

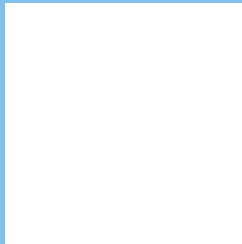
Any Text WCAG AAA ✓ Pass

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

Hex 81C0EB Background



This preview shows how black text looks on a background with the Hex color 81C0EB.

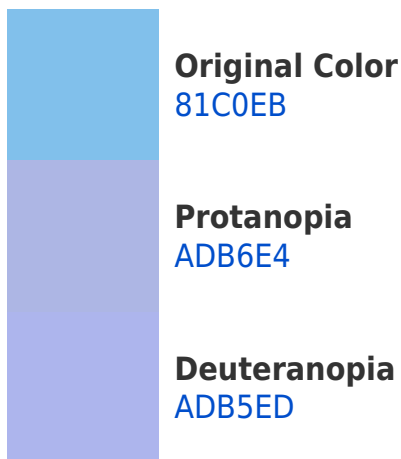


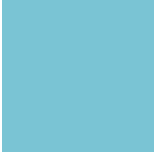
This preview shows how white text looks on a background with the Hex color 81C0EB.

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](#).

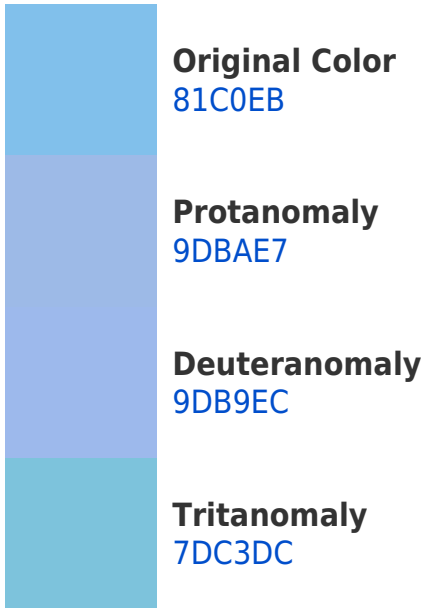
Dichromacy



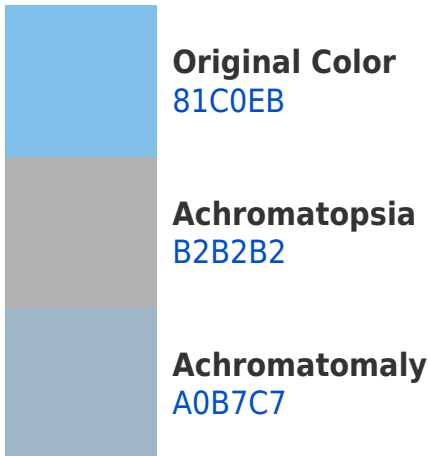


Tritanopia
7AC4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C0EB 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 #81C0EB looks like.

```
.text, #text, p{  
    color:#81C0EB  
}
```

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 #81C0EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C0EB
}
```

Border

The CSS property to change the border of an element to Hex 81C0EB 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
#81C0EB }
```

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

```
.border{ border-color:#81C0EB }
```

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

Here you see how a box with a 4 pixel #81C0EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C0EB; -webkit-box-shadow:4px 4px  
4px 4px #81C0EB; box-shadow:4px 4px 4px  
4px #81C0EB }
```

Background

The CSS property to change the background color of an element to Hex 81C0EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C0EB }
```

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

```
.background{ background-color:#81C0EB }
```

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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