

Converting Colors

Hex(71E0E8)

Have a look what the booklet for
Hex(71E0E8) contains.

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Color

Hex(71E0E8)

Conversions

Conversions Part 1

Format	Color
Hex	71E0E8
RGB	113, 224, 232
RGB Percent	44%, 88%, 91%
CMY	0.5569, 0.1216, 0.0902
CMYK	0.51, 0.03, 0.00, 0.09
HSL	184°, 72%, 68%
HSV	184°, 51%, 91%
XYZ	48.0312, 62.6482, 85.9047
YIQ	191.7230, -68.7240, -21.0440

Conversions

Conversions Part 2

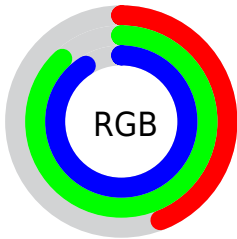
Format	Color
RYB	113, 170, 232
Decimal	7463144
CIELab	83.26, -29.57, -13.67
CIELCh	83, 32.581, 204.813
Yxy	62.6482, 0.2443, 0.3187
Android (android.graphics.Color)	4285653224 (0xFF71E0E8)
YUV	191.7230, 19.8566, -69.0401
Hunter-Lab	79.1506, -30.1939, -8.9439

Details

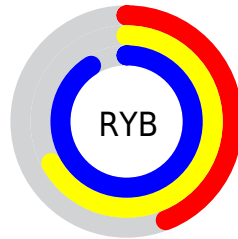
The Hex color **71E0E8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E87971**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **ADFFFF**, and **2FA8B0** is the 20% darker color. If you saturate the color by 10%, you get **5ADEE8**, and if you desaturate by 10%, it is **88E2E8**.

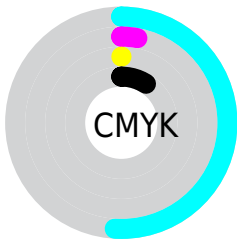
Distribution



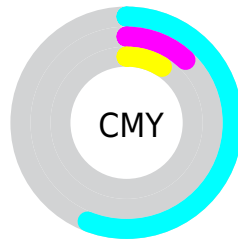
- Red (44%)
- Green (88%)
- Blue (91%)



- Red (44%)
- Yellow (67%)
- Blue (91%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)




- Cyan (56%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71E0E8 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 71E0E8 by changing the saturation by 10% instead.

 71E0E8

 71E0E8

FFFFFF

 52C4CC

 ADFFFF

 2FA8B0

 CAFFFF

 008E96

 E8FFFF

 00747C

 005B63

 00434B

 002C35

 001520

 000005

71E0E8

71E0E8

5ADEE8

88E2E8

43DDE8

9FE3E8

2BDBE8

B7E5E8

14DAE8

CEE6E8

00D8E8

E5E8E8

FCE9E8

FFEBE8

FFECE8

FFEEE8

Harmonies

Analogous

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



86E0C9



71E0E8



7BDCFF

Triad

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



71E0E8



F2BFF3



EACC93

Complementary

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



71E0E8



E87971

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.



FFC19E



71E0E8



FFB9D6

Square

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



71E0E8



CDC9FF



FFBAB7



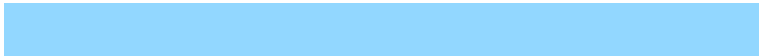
CBD597

Rectangle

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



71E0E8



92D7FF



FFBAB7



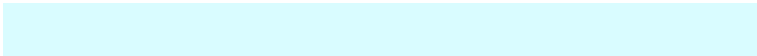
F3C895

Sweetspot

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



71E0E8



D9FCFF



71E879



697E80



000000



808080

Same Dimension

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



71E0E8



61F4FF



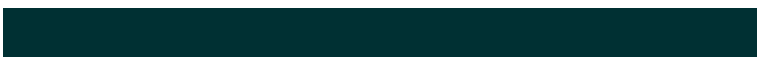
71A5E8



677273



00A7B3



003033

Inverse Universe

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



E871E0



FF61F4



E8B471



736772



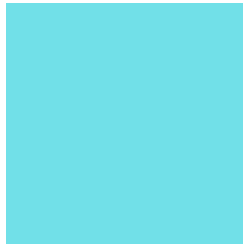
B300A7



330030

Previews

White Background



This preview shows how the Hex color 71E0E8 looks on a white background.

Color Contrast Check

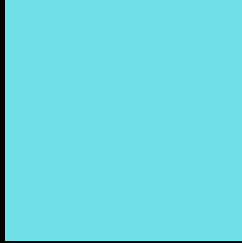
Large Text (above 18pt) WCAG AA × Fail

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 71E0E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

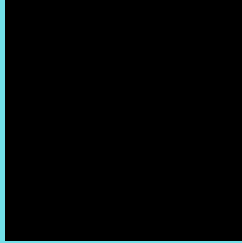
Any Text WCAG AA ✓ Pass

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 71E0E8 Background



This preview shows how black text looks on a background with the Hex color 71E0E8.

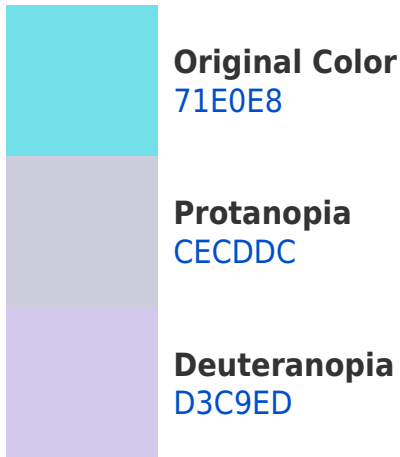


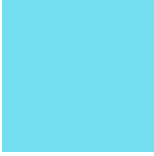
This preview shows how white text looks on a background with the Hex color 71E0E8.

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](#).

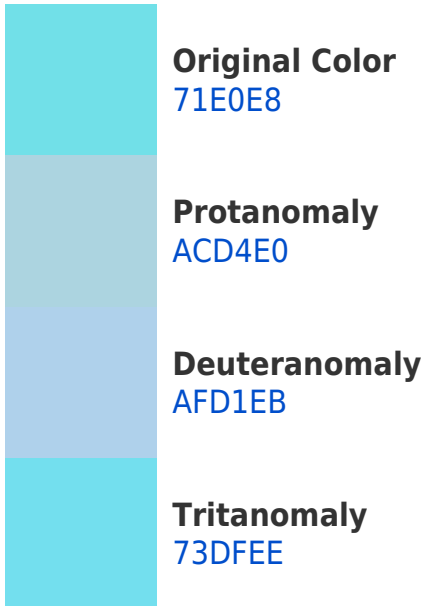
Dichromacy



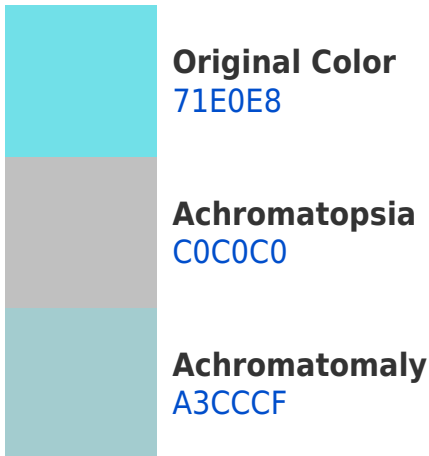


Tritanopia
74DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71E0E8 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 #71E0E8 looks like.

```
.text, #text, p{  
    color:#71E0E8  
}
```

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 #71E0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E0E8
}
```

Border

The CSS property to change the border of an element to Hex 71E0E8 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
#71E0E8 }
```

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

```
.border{ border-color:#71E0E8 }
```

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

Here you see how a box with a 4 pixel #71E0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E0E8; -webkit-box-shadow:4px 4px  
4px 4px #71E0E8; box-shadow:4px 4px 4px  
4px #71E0E8 }
```

Background

The CSS property to change the background color of an element to Hex 71E0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E0E8 }
```

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

```
.background{ background-color:#71E0E8 }
```

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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