

Converting Colors

Hex(71C4E8)

Have a look what the booklet for
Hex(71C4E8) contains.

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Color

Hex(71C4E8)

Conversions

Conversions Part 1

Format	Color
Hex	71C4E8
RGB	113, 196, 232
RGB Percent	44%, 77%, 91%
CMY	0.5569, 0.2314, 0.0902
CMYK	0.51, 0.16, 0.00, 0.09
HSL	198°, 72%, 68%
HSV	198°, 51%, 91%
XYZ	41.1155, 48.8168, 83.5995
YIQ	175.2870, -61.0240, -6.4000

Conversions

Conversions Part 2

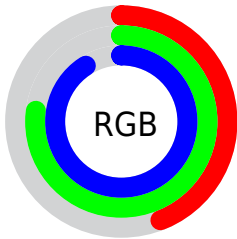
Format	Color
R_{YB}	113, 162, 232
Decimal	7455976
CIE Lab	75.34, -15.55, -25.66
CIE LCh	75, 30.003, 238.785
Yxy	48.8168, 0.2369, 0.2813
Android (android.graphics.Color)	4285646056 (0xFF71C4E8)
YUV	175.2870, 27.9595, -54.6257
Hunter-Lab	69.8690, -17.2297, -22.0332

Details

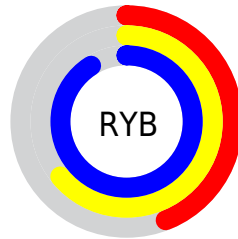
The Hex color **71C4E8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E89571**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **ABFDFF**, and **338EB0** is the 20% darker color. If you saturate the color by 10%, you get **5ABDE8**, and if you desaturate by 10%, it is **88CBE8**.

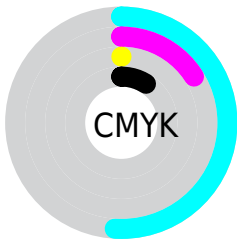
Distribution



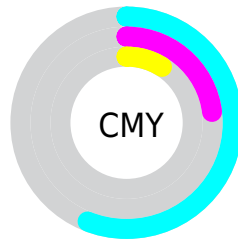
- Red (44%)
- Green (77%)
- Blue (91%)



- Red (44%)
- Yellow (64%)
- Blue (91%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (56%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C4E8 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 71C4E8 by changing the saturation by 10% instead.

71C4E8

71C4E8

FFFFFF

53A9CC

ABFDFD

338EB0

C9FFFF

007596

E6FFFF

005C7C

004463

002E4B

001B34

00021E

000001

 71C4E8

 71C4E8

 5ABDE8

 88CBE8

 43B6E8

 9FD2E8

 2BAFE8

 B7D9E8

 14A8E8

 CEE0E8

 00A2E8

 E5E7E8

 FCEEE8

 FFF5E8

 FFFCE8

 FFFFE8

Harmonies

Analogous

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



64C8D3



71C4E8



95BCF0

Triad

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



71C4E8



EEA5BC



B1C089

Complementary

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



71C4E8



E89571

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.



CEB782



71C4E8



F1A7A0

Square

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



71C4E8



DCAAD7



E5AE8B



91C69C

Rectangle

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



71C4E8



AFB6EE



E5AE8B



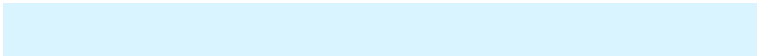
BBBD85

Sweetspot

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



71C4E8



D9F3FF



71E895



697980



000000



808080

Same Dimension

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



71C4E8



61CFFF



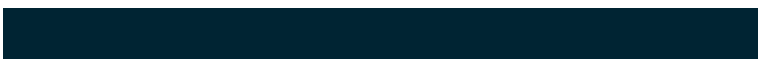
7189E8



676F73



007DB3



002433

Inverse Universe

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



E871C4



FF61CF



E8D071



73676F



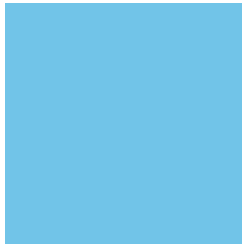
B3007C



330024

Previews

White Background



This preview shows how the Hex color 71C4E8 looks on a white background.

Color Contrast Check

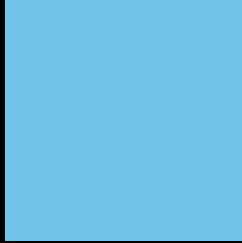
Large Text (above 18pt) WCAG AA × Fail

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 71C4E8 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 71C4E8 Background



This preview shows how black text looks on a background with the Hex color 71C4E8.



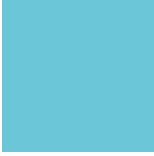
This preview shows how white text looks on a background with the Hex color 71C4E8.

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



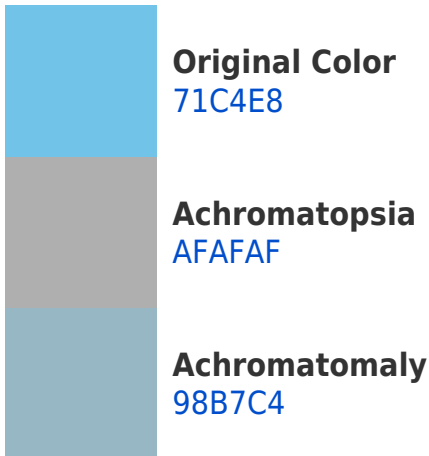


Tritanopia
6BC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71C4E8 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 #71C4E8 looks like.

```
.text, #text, p{  
    color:#71C4E8  
}
```

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 #71C4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C4E8  
}
```

Border

The CSS property to change the border of an element to Hex 71C4E8 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  
#71C4E8 }
```

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

```
.border{ border-color:#71C4E8 }
```

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

Here you see how a box with a 4 pixel #71C4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C4E8; -webkit-box-shadow:4px 4px  
4px 4px #71C4E8; box-shadow:4px 4px 4px  
4px #71C4E8 }
```

Background

The CSS property to change the background color of an element to Hex 71C4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C4E8 }
```

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

```
.background{ background-color:#71C4E8 }
```

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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