

Converting Colors

Hex(87C5E7)

Have a look what the booklet for
Hex(87C5E7) contains.

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Color

Hex(87C5E7)

Conversions

Conversions Part 1

Format	Color
Hex	87C5E7
RGB	135, 197, 231
RGB Percent	53%, 77%, 91%
CMY	0.4706, 0.2275, 0.0941
CMYK	0.42, 0.15, 0.00, 0.09
HSL	201°, 67%, 72%
HSV	201°, 42%, 91%
XYZ	44.3817, 50.8529, 83.0777
YIQ	182.3380, -47.8660, -2.5700

Conversions

Conversions Part 2

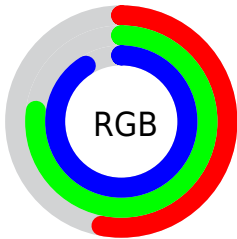
Format	Color
RYB	135, 173, 231
Decimal	8898023
CIELab	76.59, -11.19, -23.12
CIElCh	77, 25.684, 244.173
Yxy	50.8529, 0.2489, 0.2852
Android (android.graphics.Color)	4287088103 (0xFF87C5E7)
YUV	182.3380, 23.9904, -41.5154
Hunter-Lab	71.3112, -13.7022, -19.1551

Details

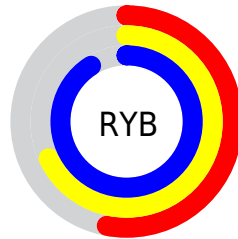
The Hex color **87C5E7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E7A987**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C0FEFF**, and **4F8FAF** is the 20% darker color. If you saturate the color by 10%, you get **70BDE7**, and if you desaturate by 10%, it is **9ECDE7**.

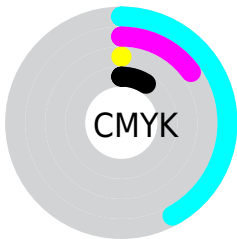
Distribution



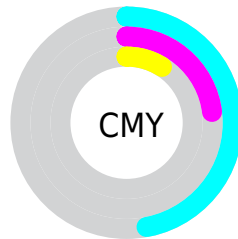
- Red (53%)
- Green (77%)
- Blue (91%)



- Red (53%)
- Yellow (68%)
- Blue (91%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C5E7 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 87C5E7 by changing the saturation by 10% instead.

 87C5E7

 87C5E7

FFFFFF

 6BAACB

 C0FEFF

 4F8FAF

 DDFFFF

 327695

 FAFFFF

 0B5D7B

 004562

 002F4A

 001B33

 00021E

 000000

87C5E7

87C5E7

70BDE7

9ECDE7

59B5E7

B5D5E7

42ACE7

CCDEE7

2BA4E7

E3E6E7

139CE7

FBEEE7

0095E7

FFF6E7

FFFEE7

FFFFE7

Harmonies

Analogous

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



79C9D7



87C5E7



A5BEEC

Triad

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



87C5E7



ECACBA



B1C495

Complementary

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



87C5E7



E7A987

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.



CBBC8E



87C5E7



ECAEA3

Square

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



87C5E7



DFAFD2



E0B593



96C9A8

Rectangle

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



87C5E7



BBB9E8



E0B593



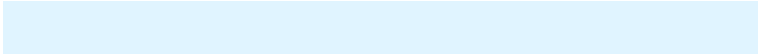
BAC191

Sweetspot

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



87C5E7



E0F4FF



87E7A9



6E7980



000000



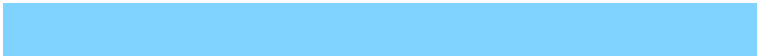
808080

Same Dimension

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



87C5E7



80D2FF



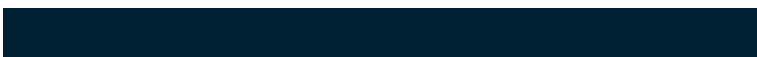
8795E7



676F73



0073B3



002133

Inverse Universe

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



E787C5



FF80D2



E7D987



73676F



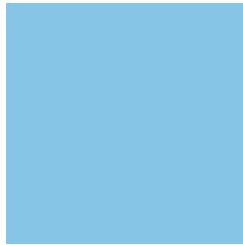
B30073



330021

Previews

White Background



This preview shows how the Hex color 87C5E7 looks on a white background.

Color Contrast Check

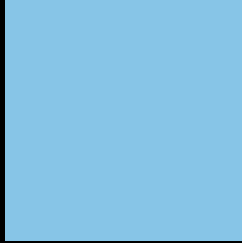
Large Text (above 18pt) WCAG AA × Fail

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 87C5E7 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 87C5E7 Background



This preview shows how black text looks on a background with the Hex color 87C5E7.

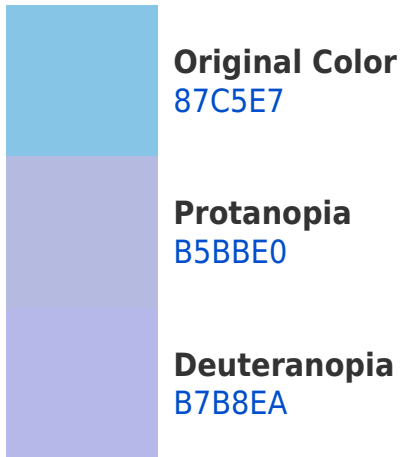


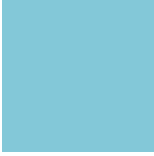
This preview shows how white text looks on a background with the Hex color 87C5E7.

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](#).

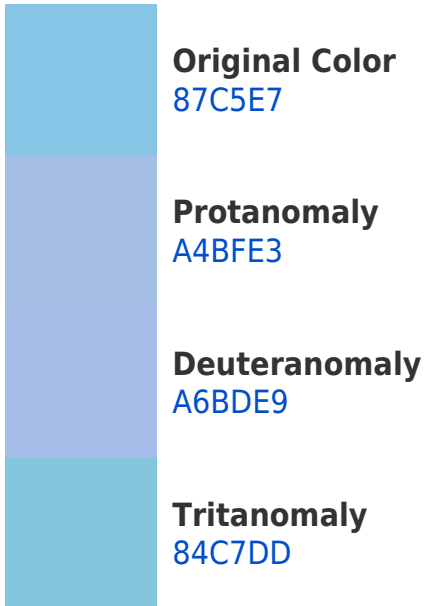
Dichromacy



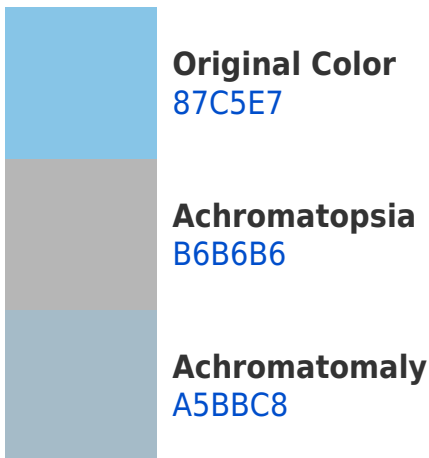


Tritanopia
83C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C5E7 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 #87C5E7 looks like.

```
.text, #text, p{  
    color:#87C5E7  
}
```

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 #87C5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C5E7
}
```

Border

The CSS property to change the border of an element to Hex 87C5E7 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
#87C5E7 }
```

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

```
.border{ border-color:#87C5E7 }
```

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

Here you see how a box with a 4 pixel #87C5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C5E7; -webkit-box-shadow:4px 4px  
4px 4px #87C5E7; box-shadow:4px 4px 4px  
4px #87C5E7 }
```

Background

The CSS property to change the background color of an element to Hex 87C5E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C5E7 }
```

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

```
.background{ background-color:#87C5E7 }
```

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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