

Converting Colors

Hex(87C2E9)

Have a look what the booklet for
Hex(87C2E9) contains.

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Color

Hex(87C2E9)

Conversions

Conversions Part 1

Format	Color
Hex	87C2E9
RGB	135, 194, 233
RGB Percent	53%, 76%, 91%
CMY	0.4706, 0.2392, 0.0863
CMYK	0.42, 0.17, 0.00, 0.09
HSL	204°, 69%, 72%
HSV	204°, 42%, 91%
XYZ	43.9914, 49.6177, 84.3494
YIQ	180.8050, -47.6830, -0.3790

Conversions

Conversions Part 2

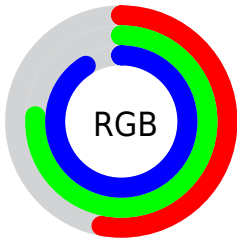
Format	Color
RYB	135, 172, 233
Decimal	8897257
CIELab	75.83, -9.07, -25.35
CIELCh	76, 26.924, 250.309
Yxy	49.6177, 0.2472, 0.2788
Android (android.graphics.Color)	4287087337 (0xFF87C2E9)
YUV	180.8050, 25.7321, -40.1710
Hunter-Lab	70.4398, -11.7919, -21.6900

Details

The Hex color **87C2E9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9AE87**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C0FAFF**, and **4F8CB1** is the 20% darker color. If you saturate the color by 10%, you get **70B9E9**, and if you desaturate by 10%, it is **9ECBE9**.

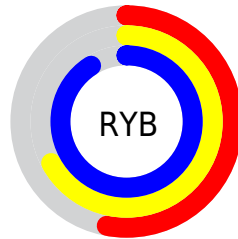
Distribution



Red (53%)

Green (76%)

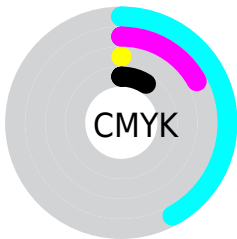
Blue (91%)



Red (53%)

Yellow (67%)

Blue (91%)

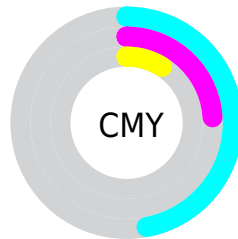


Cyan (42%)

Magenta (17%)

Yellow (0%)

Black (9%)



Cyan (47%)

Magenta (24%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C2E9 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 87C2E9 by changing the saturation by 10% instead.

 87C2E9

 87C2E9

FFFFFF

 6BA7CD

 C0FAFF

 4F8CB1

 DDFFFF

 327396


 FAFFFF

 0A5A7C

 004363

 002D4B

 001934

 00021F

 000002

87C2E9

87C2E9

70B9E9

9ECBE9

58AFE9

B6D5E9

41A6E9

CDDEE9

2A9DE9

E4E7E9

1394E9

FCF0E9

008CE9

FFFAE9

FFFFE9

Harmonies

Analogous

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



73C7DA



87C2E9



A8BAEB

Triad

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



87C2E9



EDA9B3



A9C394

Complementary

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



87C2E9



E9AE87

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.



C4BC8A



87C2E9



EAAC9C

Square

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



87C2E9



E2ABCC



DCB48D



8DC8A9

Rectangle

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



87C2E9



BFB4E6



DCB48D



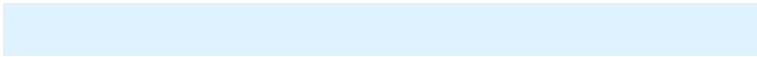
B2C190

Sweetspot

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



87C2E9



DEF2FF



87E9AD



6B7780



000000



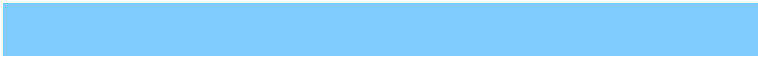
808080

Same Dimension

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



87C2E9



80CCFF



8792E9



6A7175



006DB5



002036

Inverse Universe

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



E987C2



FF80CC



E9DE87



756A71



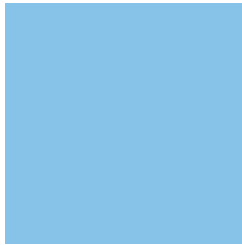
B5006D



360020

Previews

White Background



This preview shows how the Hex color 87C2E9 looks on a white background.

Color Contrast Check

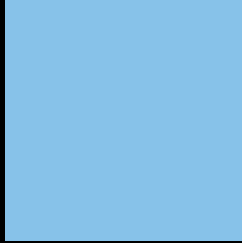
Large Text (above 18pt) WCAG AA × Fail

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 87C2E9 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 87C2E9 Background



This preview shows how black text looks on a background with the Hex color 87C2E9.

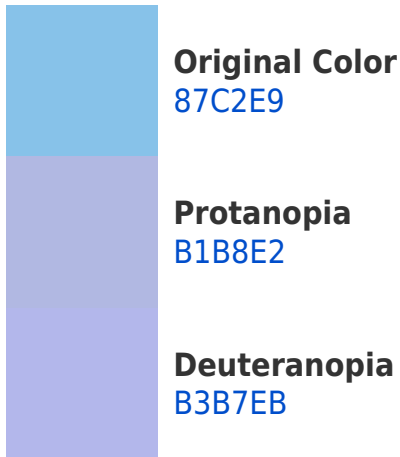


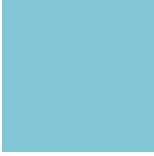
This preview shows how white text looks on a background with the Hex color 87C2E9.

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](#).

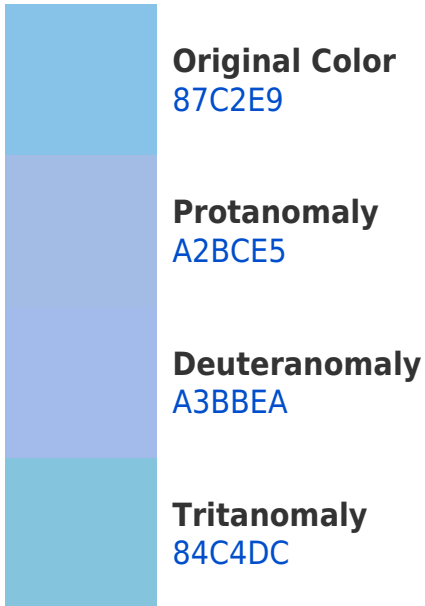
Dichromacy



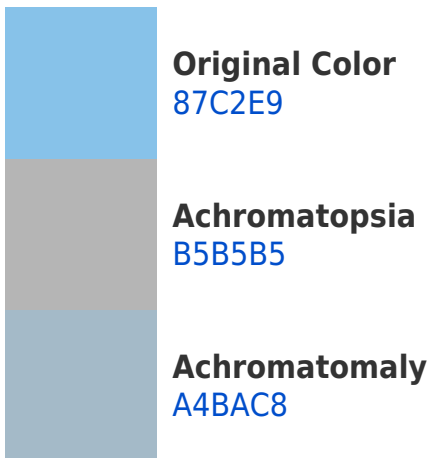


Tritanopia
82C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C2E9 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 #87C2E9 looks like.

```
.text, #text, p{  
    color:#87C2E9  
}
```

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 #87C2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C2E9
}
```

Border

The CSS property to change the border of an element to Hex 87C2E9 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
#87C2E9 }
```

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

```
.border{ border-color:#87C2E9 }
```

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

Here you see how a box with a 4 pixel #87C2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C2E9; -webkit-box-shadow:4px 4px  
4px 4px #87C2E9; box-shadow:4px 4px 4px  
4px #87C2E9 }
```

Background

The CSS property to change the background color of an element to Hex 87C2E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C2E9 }
```

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

```
.background{ background-color:#87C2E9 }
```

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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