

Converting Colors

Hex(87C9EC)

Have a look what the booklet for
Hex(87C9EC) contains.

Hex(87C9EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87C9EC)

Conversions

Conversions Part 1

Format	Color
Hex	87C9EC
RGB	135, 201, 236
RGB Percent	53%, 79%, 93%
CMY	0.4706, 0.2118, 0.0745
CMYK	0.43, 0.15, 0.00, 0.07
HSL	201°, 73%, 73%
HSV	201°, 43%, 93%
XYZ	46.0186, 52.9803, 87.1577
YIQ	185.2560, -50.5710, -3.1070

Conversions

Conversions Part 2

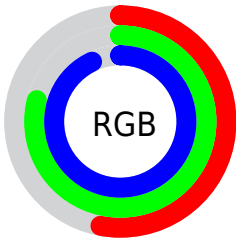
Format	Color
RYB	135, 175, 236
Decimal	8899052
CIELab	77.86, -11.97, -23.87
CIELCh	78, 26.699, 243.370
Yxy	52.9803, 0.2472, 0.2846
Android (android.graphics.Color)	4287089132 (0xFF87C9EC)
YUV	185.2560, 25.0168, -44.0745
Hunter-Lab	72.7876, -14.5248, -20.0440

Details

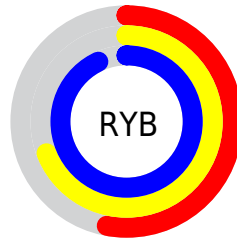
The Hex color **87C9EC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECAA87**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **C0FFFF**, and **4F93B4** is the 20% darker color. If you saturate the color by 10%, you get **6FC1EC**, and if you desaturate by 10%, it is **9FD1EC**.

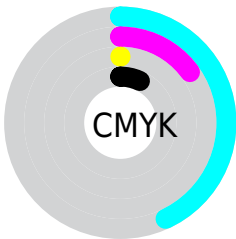
Distribution



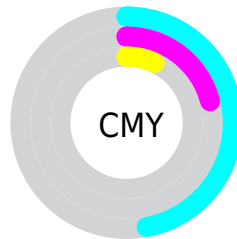
- Red (53%)
- Green (79%)
- Blue (93%)



- Red (53%)
- Yellow (69%)
- Blue (93%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C9EC 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 87C9EC by changing the saturation by 10% instead.

 87C9EC

 87C9EC

FFFFFF

 6BAED0

 C0FFFF

 4F93B4

 DDFFFF

 307999

 FBFFFF

 04607F

 004966

 00324E

 001E37

 000222

 000007

87C9EC

87C9EC

6FC1EC

9FD1EC

58B9EC

B6D9EC

40B0EC

CEE2EC

29A8EC

E5EAEC

11A0EC

FDF2EC

009AEC

FFFAEC

FFFFEC

Harmonies

Analogous

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



78CDD8



87C9EC



A6C2F1

Triad

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



87C9EC



F1AFBF



B5C797

Complementary

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



87C9EC



ECAA87

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.



D0C08F



87C9EC



F2B1A6

Square

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



87C9EC



E3B2D7



E6B795



99CCAA

Rectangle

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



87C9EC



BDBCEE



E6B795



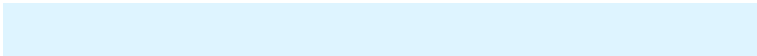
BEC593

Sweetspot

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



87C9EC



DEF4FF



87ECA9



6B7880



000000



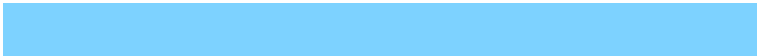
808080

Same Dimension

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



87C9EC



7DD2FF



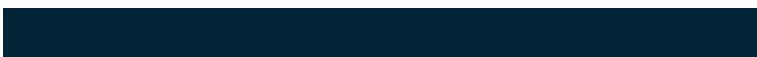
8798EC



6A7175



0076B5



002336

Inverse Universe

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



EC87C9



FF7DD2



ECDB87



756A71



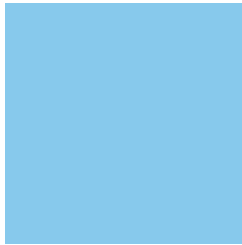
B50076



360023

Previews

White Background



This preview shows how the Hex color 87C9EC looks on a white background.

Color Contrast Check

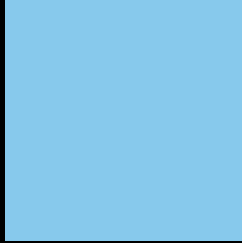
Large Text (above 18pt) WCAG AA × Fail

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 87C9EC 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 87C9EC Background



This preview shows how black text looks on a background with the Hex color 87C9EC.



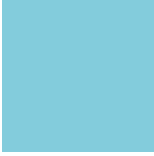
This preview shows how white text looks on a background with the Hex color 87C9EC.

Color Blindness Simulation

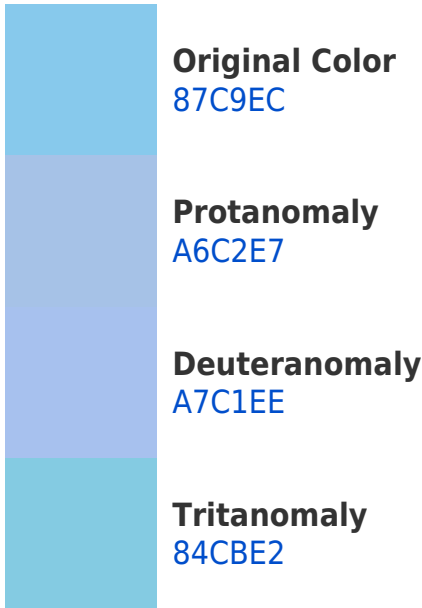
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

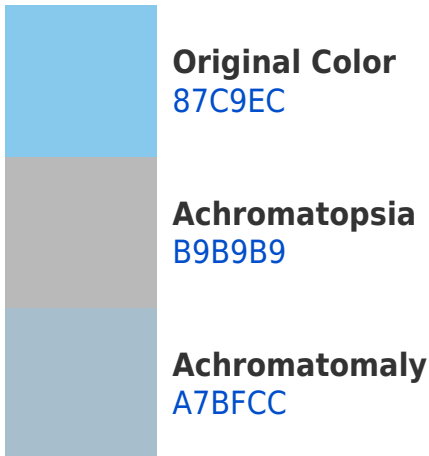




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C9EC 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 #87C9EC looks like.

```
.text, #text, p{  
    color:#87C9EC  
}
```

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 #87C9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C9EC
}
```

Border

The CSS property to change the border of an element to Hex 87C9EC 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
#87C9EC }
```

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

```
.border{ border-color:#87C9EC }
```

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

Here you see how a box with a 4 pixel #87C9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C9EC; -webkit-box-shadow:4px 4px  
4px 4px #87C9EC; box-shadow:4px 4px 4px  
4px #87C9EC }
```

Background

The CSS property to change the background color of an element to Hex 87C9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C9EC }
```

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

```
.background{ background-color:#87C9EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor