

# Converting Colors

Hex(87F1E8)

Have a look what the booklet for  
Hex(87F1E8) contains.

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**Color**

**Hex(87F1E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87F1E8
RGB	135, 241, 232
RGB Percent	53%, 95%, 91%
CMY	0.4706, 0.0549, 0.0902
CMYK	0.44, 0.00, 0.04, 0.05
HSL	175°, 79%, 74%
HSV	175°, 44%, 95%
XYZ	56.0125, 73.8877, 87.6535
YIQ	208.2800, -60.2870, -25.2710

# Conversions

## Conversions Part 2

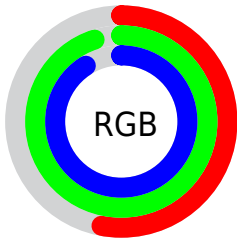
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 190, 241</a>
Decimal	<a href="#">8909288</a>
CIELab	<a href="#">88.87, -32.83, -5.24</a>
CIELCh	<a href="#">89, 33.242, 189.073</a>
Yxy	<a href="#">73.8877, 0.2575, 0.3396</a>
Android (android.graphics.Color)	<a href="#">4287099368 (0xFF87F1E8)</a>
YUV	<a href="#">208.2800, 11.6940, -64.2666</a>
Hunter-Lab	<a href="#">85.9579, -34.1111, -0.2890</a>

# Details

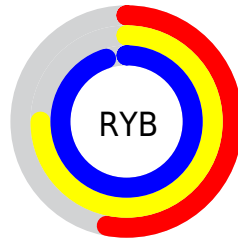
The Hex color **87F1E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F18790**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C1FFFF**, and **4CB9B0** is the 20% darker color. If you saturate the color by 10%, you get **6FF1E6**, and if you desaturate by 10%, it is **9FF1EA**.

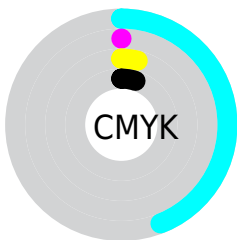
# Distribution



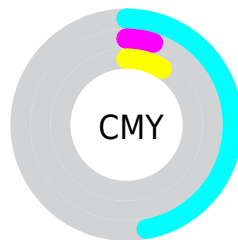
- Red (53%)
- Green (95%)
- Blue (91%)



- Red (53%)
- Yellow (75%)
- Blue (95%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (47%)
- Magenta (5%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87F1E8 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 87F1E8 by changing the saturation by 10% instead.



 87F1E8

 87F1E8

FFFFFF

 6AD4CC

 C1FFFF

 4CB9B0

 DFFFFF

 299D96

FDFFFF

 00837C

 006963

 00504B

 003935

 002420

 000008

 87F1E8

 87F1E8

 6FF1E6

 9FF1EA

 57F1E4

 B7F1EC

 3FF1E2

 CFF1EE

 27F1E0

 E7F1F0

 0FF1DE

 FFF1F2

 00F1DD

 FFF1F4

 FFF1F6

 FFF1F8

 FFF1FA

# Harmonies

## Analogous

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



A5EFC8



87F1E8



80EFFF

# Triad

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



87F1E8



F0D4FF



FFD6A5

# Complementary

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



87F1E8



F18790

# 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.



FFCCB9



87F1E8



FFCBF7

# Square

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



87F1E8



C5DFFF



FFC8D7



ECE0A0

# Rectangle

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



87F1E8



8EEBFF



FFC8D7



FFD2AA

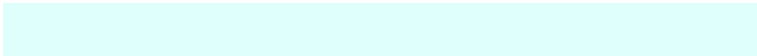


# Sweetspot

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



87F1E8



DEFFFC



92F187



6B807E



000000



808080

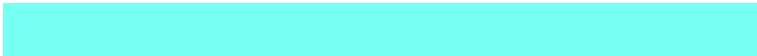


# Same Dimension

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



87F1E8



78FFF4



87C7F1



6C7877



00B8A8



003833



# Inverse Universe

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



F18790



FF7883



F1B187



786C6D



B80010

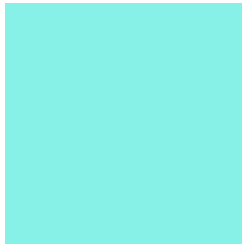


380005



# Previews

## White Background



This preview shows how the Hex color 87F1E8 looks on a white background.

## Color Contrast Check

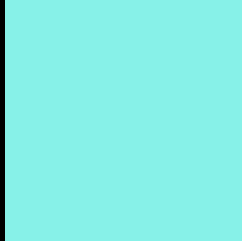
Large Text (above 18pt) WCAG AA × Fail

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 87F1E8 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 87F1E8 Background



This preview shows how black text looks on a background with the Hex color 87F1E8.

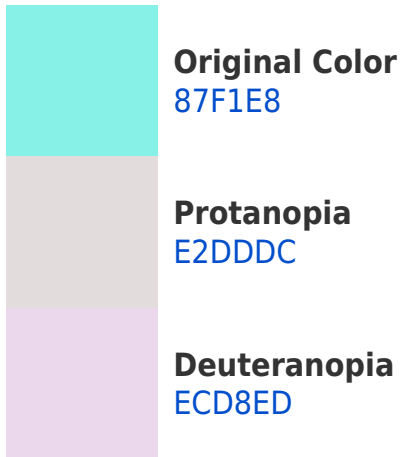


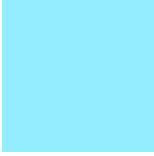
This preview shows how white text looks on a background with the Hex color 87F1E8.

# 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



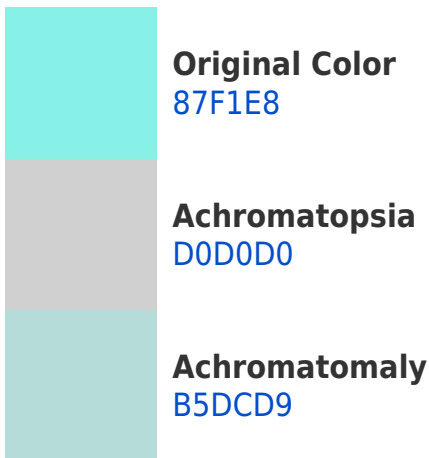


**Tritanopia**  
93EDFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87F1E8 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 #87F1E8 looks like.

```
.text, #text, p{  
    color:#87F1E8  
}
```

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 #87F1E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87F1E8  
}
```

## Border

The CSS property to change the border of an element to Hex 87F1E8 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  
#87F1E8 }
```

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

```
.border{ border-color:#87F1E8 }
```

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

Here you see how a box with a 4 pixel #87F1E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87F1E8; -webkit-box-shadow:4px 4px  
4px 4px #87F1E8; box-shadow:4px 4px 4px  
4px #87F1E8 }
```

# Background

The CSS property to change the background color of an element to Hex 87F1E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87F1E8 }
```

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

```
.background{ background-color:#87F1E8 }
```

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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