

Converting Colors

Hex(87F4E3)

Have a look what the booklet for
Hex(87F4E3) contains.

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Color

Hex(87F4E3)

Conversions

Conversions Part 1

Format	Color
Hex	87F4E3
RGB	135, 244, 227
RGB Percent	53%, 96%, 89%
CMY	0.4706, 0.0431, 0.1098
CMYK	0.45, 0.00, 0.07, 0.04
HSL	171°, 83%, 74%
HSV	171°, 45%, 96%
XYZ	56.2075, 75.3983, 84.2639
YIQ	209.4710, -59.5070, -28.3950

Conversions

Conversions Part 2

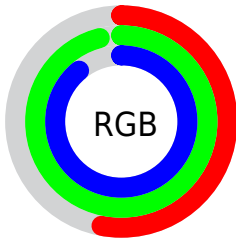
Format	Color
R_{YB}	135, 194, 244
Decimal	8910051
CIE _{Lab}	89.58, -35.40, -1.59
CIE _{LCh}	90, 35.435, 182.569
Yxy	75.3983, 0.2604, 0.3493
Android (android.graphics.Color)	4287100131 (0xFF87F4E3)
YUV	209.4710, 8.6418, -65.3111
Hunter-Lab	86.8322, -36.4112, 3.2462

Details

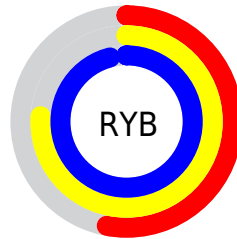
The Hex color **87F4E3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F48798**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **C1FFFF**, and **4CBBAC** is the 20% darker color. If you saturate the color by 10%, you get **6FF4DF**, and if you desaturate by 10%, it is **9FF4E7**.

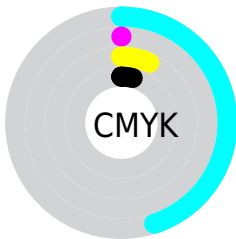
Distribution



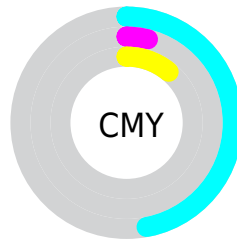
- Red (53%)
- Green (96%)
- Blue (89%)



- Red (53%)
- Yellow (76%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87F4E3 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 87F4E3 by changing the saturation by 10% instead.

 87F4E3

 87F4E3

FFFFFF

 6AD7C7

 C1FFFF

 4CBBAC

 DFFFFF

 29A091

FDFFFF

 008578

 006C5F

 005347

 003B31

 00261C

 000002

 87F4E3

 87F4E3

 6FF4DF

 9FF4E7

 56F4DB

 B8F4EB

 3EF4D8

 D0F4EE

 25F4D4

 E9F4F2

 0DF4D0

 FFF4F6

 00F4CE

 FFF4FA

 FFF4FE

 FFF4FF

Harmonies

Analogous

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



ABF1C1



87F4E3



77F3FF

Triad

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



87F4E3



EAD7FF



FFD4A6

Complementary

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



87F4E3



F48798

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.



FFCBBE



87F4E3



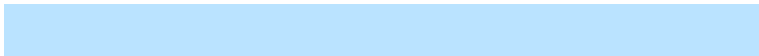
FFCDFF

Square

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



87F4E3



BAE3FF



FFC8DF



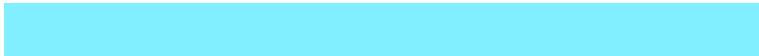
F6E09D

Rectangle

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



87F4E3



81EFFF



FFC8DF



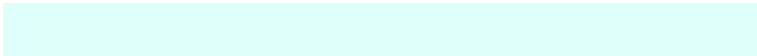
FFD1AD

Sweetspot

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



87F4E3



DEFFFA



99F487



6B807C



000000



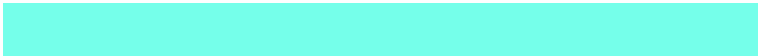
808080

Same Dimension

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



87F4E3



75FFEA



87D0F4



6E7A78



00BA9D



003B32

Inverse Universe

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



F48798



FF758B



F4AB87



7A6E70



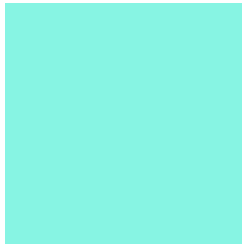
BA001D



3B0009

Previews

White Background



This preview shows how the Hex color 87F4E3 looks on a white background.

Color Contrast Check

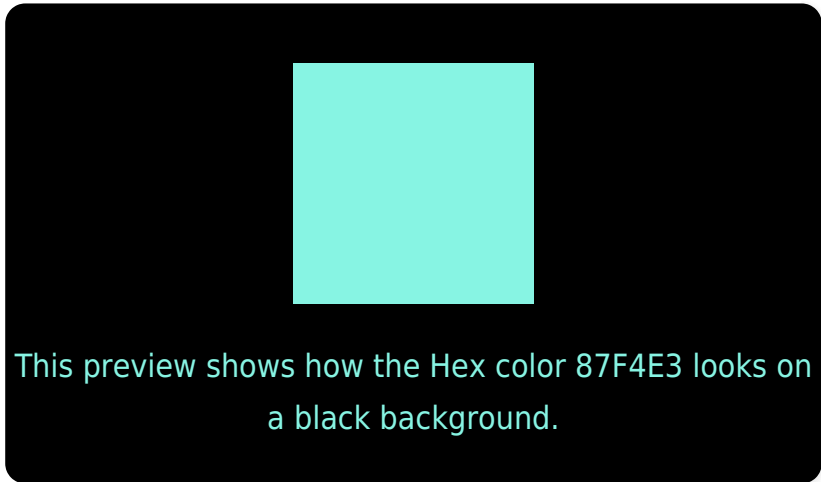
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 87F4E3 Background



This preview shows how black text looks on a background with the Hex color 87F4E3.

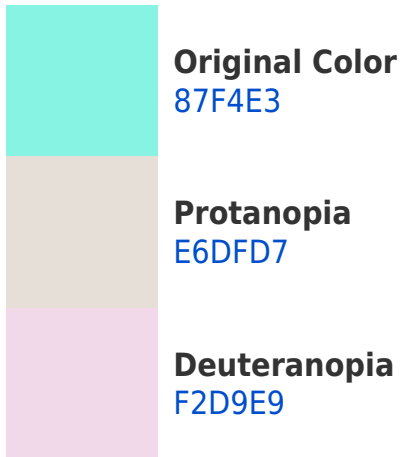


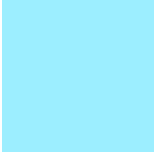
This preview shows how white text looks on a background with the Hex color 87F4E3.

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



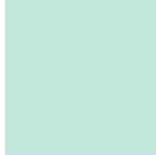


Tritanopia
9CEEFF

Trichromacy



Original Color
87F4E3



Protanomaly
C3E7DB



Deuteranomaly
CBE3E7

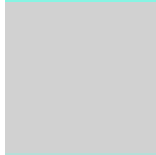


Tritanomaly
94F0F5

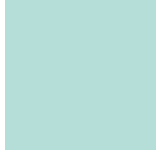
Monochromacy



Original Color
87F4E3



Achromatopsia
D1D1D1



Achromatomaly
B6DED8

CSS Examples

Text

The CSS property to change the color of the text to Hex 87F4E3 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 #87F4E3 looks like.

```
.text, #text, p{  
    color:#87F4E3  
}
```

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 #87F4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87F4E3
}
```

Border

The CSS property to change the border of an element to Hex 87F4E3 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
#87F4E3 }
```

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

```
.border{ border-color:#87F4E3 }
```

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

Here you see how a box with a 4 pixel #87F4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87F4E3; -webkit-box-shadow:4px 4px  
4px 4px #87F4E3; box-shadow:4px 4px 4px  
4px #87F4E3 }
```

Background

The CSS property to change the background color of an element to Hex 87F4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87F4E3 }
```

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

```
.background{ background-color:#87F4E3 }
```

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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