

Converting Colors

Hex(97F2E8)

Have a look what the booklet for
Hex(97F2E8) contains.

| | |
|--|----|
| Hex(97F2E8) | 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(97F2E8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 97F2E8 |
| RGB | 151, 242, 232 |
| RGB Percent | 59%, 95%, 91% |
| CMY | 0.4078, 0.0510, 0.0902 |
| CMYK | 0.38, 0.00, 0.04, 0.05 |
| HSL | 173°, 78%, 77% |
| HSV | 173°, 38%, 95% |
| XYZ | 59.0801, 75.9098, 87.8821 |
| YIQ | 213.6510, -51.0260, -22.4020 |

Conversions

Conversions Part 2

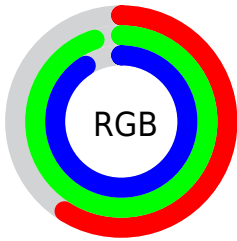
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 151, 199, 242 |
| Decimal | 9958120 |
| CIE _{Lab} | 89.82, -29.39, -3.77 |
| CIE _{LCh} | 90, 29.636, 187.307 |
| Yxy | 75.9098, 0.2651, 0.3406 |
| Android (android.graphics.Color) | 4288148200 (0xFF97F2E8) |
| YUV | 213.6510, 9.0461, -54.9449 |
| Hunter-Lab | 87.1262, -31.4304, 1.1839 |

Details

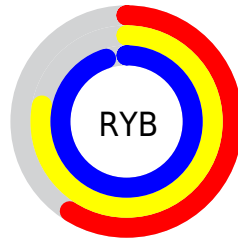
The Hex color **97F2E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F297A1**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **D1FFFF**, and **5FBAB0** is the 20% darker color. If you saturate the color by 10%, you get **7FF2E5**, and if you desaturate by 10%, it is **AFF2EB**.

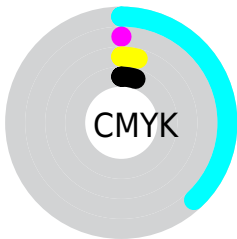
Distribution



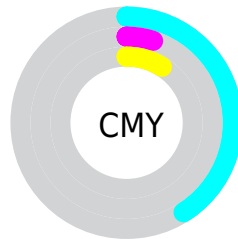
- Red (59%)
- Green (95%)
- Blue (91%)



- Red (59%)
- Yellow (78%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (41%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97F2E8 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 97F2E8 by changing the saturation by 10% instead.

 97F2E8

 97F2E8

FFFFFF

 7BD5CC

 D1FFFF

 5FBAB0

 EEEFFF

 429E96

 21847C

 006A63

 00524B

 003A35

 002520

 000008

 97F2E8

 97F2E8

 7FF2E5

 AFF2EB

 67F2E3

 C7F2ED

 4EF2E0

 E0F2F0

 36F2DD

 F8F2F3

 1EF2DB

 FFF2F5

 06F2D8

 FFF2F8

 00F2D7

 FFF2FB

 FFF2FD

 FFF2FF

Harmonies

Analogous

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



B0F0CB



97F2E8



90F0FF

Triad

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



97F2E8



EFD8FF



FFD9AE

Complementary

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



97F2E8



F297A1

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.



FFD1C1



97F2E8



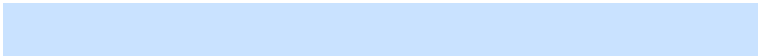
FFD0F8

Square

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



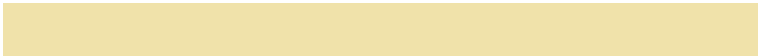
97F2E8



C9E2FF



FFCDDC



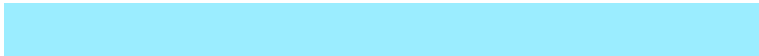
F0E2AA

Rectangle

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



97F2E8



9BEDFF



FFCDDC



FFD6B3

Sweetspot

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



97F2E8



E3FFFC



A2F297



6F807E



000000



808080

Same Dimension

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



97F2E8



8CFFF2



97CFF2



6C7877



00B8A3



003832

Inverse Universe

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



F297A1



FF8C99



F2BA97



786C6D



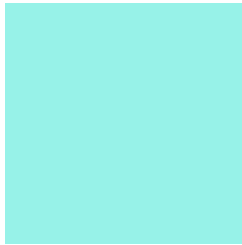
B80014



380006

Previews

White Background



This preview shows how the Hex color 97F2E8 looks on a white background.

Color Contrast Check

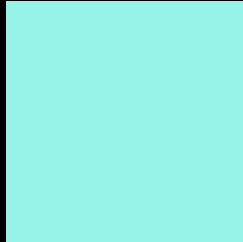
Large Text (above 18pt) WCAG AA × Fail

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 97F2E8 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 97F2E8 Background



This preview shows how black text looks on a background with the Hex color 97F2E8.

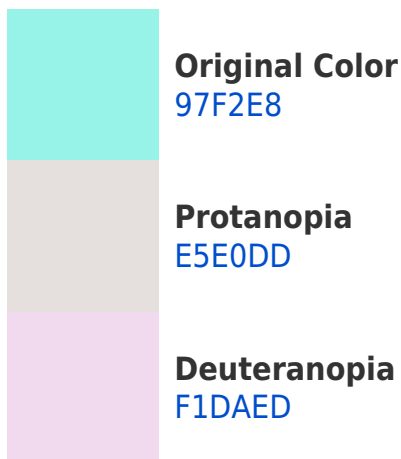


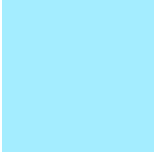
This preview shows how white text looks on a background with the Hex color 97F2E8.

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



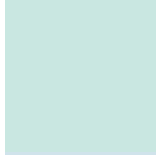


Tritanopia
A4EDFF

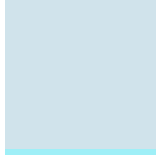
Trichromacy



Original Color
97F2E8



Protanomaly
C9E7E1



Deuteranomaly
D0E3EB

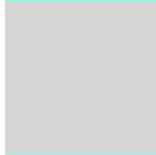


Tritanomaly
9FEFF7

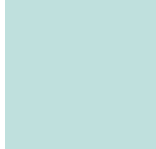
Monochromacy



Original Color
97F2E8



Achromatopsia
D6D6D6



Achromatomaly
BFE0DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 97F2E8 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 #97F2E8 looks like.

```
.text, #text, p{  
    color:#97F2E8  
}
```

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 #97F2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97F2E8  
}
```

Border

The CSS property to change the border of an element to Hex 97F2E8 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  
#97F2E8 }
```

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

```
.border{ border-color:#97F2E8 }
```

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

Here you see how a box with a 4 pixel #97F2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97F2E8; -webkit-box-shadow:4px 4px  
4px 4px #97F2E8; box-shadow:4px 4px 4px  
4px #97F2E8 }
```

Background

The CSS property to change the background color of an element to Hex 97F2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97F2E8 }
```

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

```
.background{ background-color:#97F2E8 }
```

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