

Converting Colors

Hex(87E0DF)

Have a look what the booklet for
Hex(87E0DF) contains.

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Color

Hex(87E0DF)

Conversions

Conversions Part 1

Format	Color
Hex	87E0DF
RGB	135, 224, 223
RGB Percent	53%, 88%, 87%
CMY	0.4706, 0.1216, 0.1255
CMYK	0.40, 0.00, 0.00, 0.12
HSL	179°, 59%, 70%
HSV	179°, 40%, 88%
XYZ	49.9666, 63.7899, 79.4912
YIQ	197.2750, -52.7230, -19.1790

Conversions

Conversions Part 2

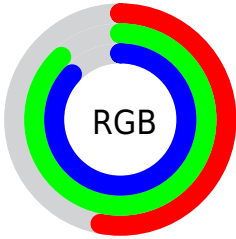
Format	Color
R _Y B	135, 180, 224
Decimal	8904927
CIE Lab	83.86, -26.88, -7.92
CIE LCh	84, 28.020, 196.421
Yxy	63.7899, 0.2586, 0.3301
Android (android.graphics.Color)	4287095007 (0xFF87E0DF)
YUV	197.2750, 12.6824, -54.6152
Hunter-Lab	79.8686, -28.0986, -3.1018

Details

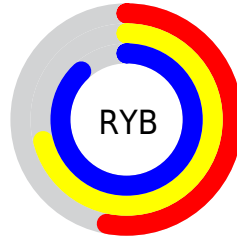
The Hex color **87E0DF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E08788**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C0FFFF**, and **4EA8A8** is the 20% darker color. If you saturate the color by 10%, you get **71E0DF**, and if you desaturate by 10%, it is **9DE0DF**.

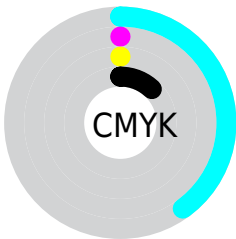
Distribution



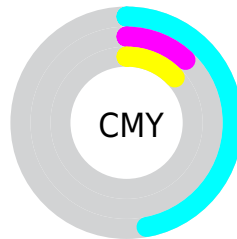
- Red (53%)
- Green (88%)
- Blue (87%)



- Red (53%)
- Yellow (71%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (47%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E0DF 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 87E0DF by changing the saturation by 10% instead.

 87E0DF

 87E0DF

FFFFFF

 6BC4C3

 C0FFFF

 4EA8A8

 DDFFFF

 2F8E8E

 FBFFFF

 007474

 005B5B

 004344

 002C2E

 001719

 000000

 87E0DF

 87E0DF

 71E0DF

 9DE0DF

 5AE0DE

 B4E0E0

 44E0DE

 CAE0E0

 2DE0DE

 E1E0E0

 17E0DE

 F7E0E0

 01E0DD

 FFE0E1

 00E0DD

Harmonies

Analogous

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



9BDFC4



87E0DF



88DDF6

Triad

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



87E0DF



E7C6F6



F0CB9E

Complementary

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



87E0DF



E08788

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.



FFC3AC



87E0DF



FEBFDE

Square

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



87E0DF



C5CFFF



FFBEC3



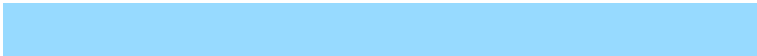
D6D49E

Rectangle

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



87E0DF



97DAFF



FFBEC3



F7C8A1

Sweetspot

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



87E0DF



E0FFFF



88E087



6E807F



000000



808080

Same Dimension

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



87E0DF



85FFFE



87B5E0



657070



00B0AE



003030

Inverse Universe

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



E08788



FF8586



E0B287



706565



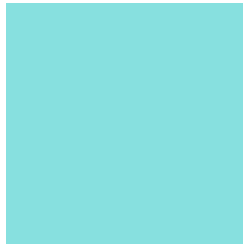
B00002



300001

Previews

White Background



This preview shows how the Hex color 87E0DF looks on a white background.

Color Contrast Check

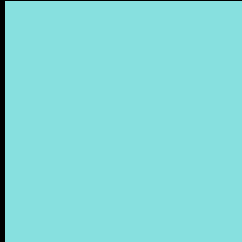
Large Text (above 18pt) WCAG AA × Fail

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 87E0DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

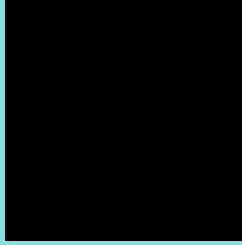
Any Text WCAG AA ✓ Pass

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 87E0DF Background



This preview shows how black text looks on a background with the Hex color 87E0DF.

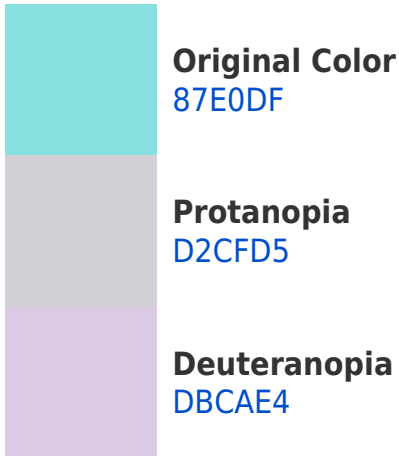


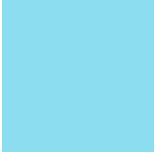
This preview shows how white text looks on a background with the Hex color 87E0DF.

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
8BDDEF

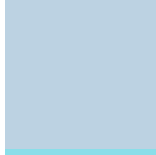
Trichromacy



Original Color
87E0DF



Protanomaly
B7D5D9



Deuteranomaly
BCD2E2

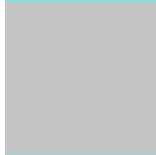


Tritanomaly
8ADEE9

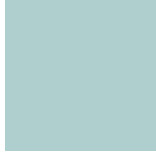
Monochromacy



Original Color
87E0DF



Achromatopsia
C5C5C5



Achromatomaly
AECFCE

CSS Examples

Text

The CSS property to change the color of the text to Hex 87E0DF 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 #87E0DF looks like.

```
.text, #text, p{  
    color:#87E0DF  
}
```

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 #87E0DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E0DF
}
```

Border

The CSS property to change the border of an element to Hex 87E0DF 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
#87E0DF }
```

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

```
.border{ border-color:#87E0DF }
```

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

Here you see how a box with a 4 pixel #87E0DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E0DF; -webkit-box-shadow:4px 4px  
4px 4px #87E0DF; box-shadow:4px 4px 4px  
4px #87E0DF }
```

Background

The CSS property to change the background color of an element to Hex 87E0DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E0DF }
```

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

```
.background{ background-color:#87E0DF }
```

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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