

Converting Colors

Hex(81E4E4)

Have a look what the booklet for
Hex(81E4E4) contains.

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Color

Hex(81E4E4)

Conversions

Conversions Part 1

Format	Color
Hex	81E4E4
RGB	129, 228, 228
RGB Percent	51%, 89%, 89%
CMY	0.4941, 0.1059, 0.1059
CMYK	0.43, 0.00, 0.00, 0.11
HSL	180°, 65%, 70%
HSV	180°, 43%, 89%
XYZ	50.8003, 65.7554, 83.4134
YIQ	198.3990, -59.0040, -20.9880

Conversions

Conversions Part 2

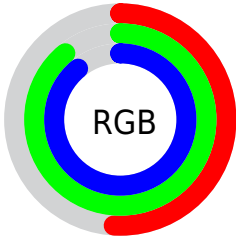
Format	Color
RYB	129, 179, 228
Decimal	8512740
CIELab	84.87, -29.02, -9.09
CIELCh	85, 30.410, 197.383
Yxy	65.7554, 0.2540, 0.3288
Android (android.graphics.Color)	4286702820 (0xFF81E4E4)
YUV	198.3990, 14.5933, -60.8629
Hunter-Lab	81.0897, -30.0821, -4.2262

Details

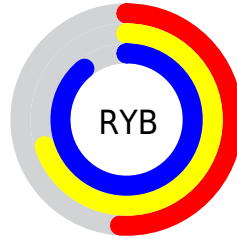
The Hex color **81E4E4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E48181**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BBFFFF**, and **46ACAD** is the 20% darker color. If you saturate the color by 10%, you get **6AE4E4**, and if you desaturate by 10%, it is **98E4E4**.

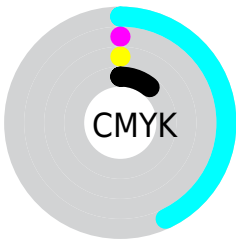
Distribution



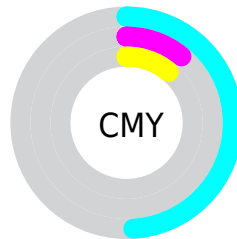
- Red (51%)
- Green (89%)
- Blue (89%)



- Red (51%)
- Yellow (70%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)





- Cyan (49%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E4E4 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 81E4E4 by changing the saturation by 10% instead.

 81E4E4

 81E4E4

FFFFFF

 64C8C8

 BBFFFF

 46ACAD

 D8FFFF

 239192

 F6FFFF

 007778


 005E60


 004648

 002F32


 001A1D

 000001

 81E4E4

 81E4E4

 6AE4E4

 98E4E4

 53E4E4

 AFE4E4

 3DE4E4

 C5E4E4

 26E4E4

 DCE4E4

 0FE4E4

 F3E4E4

 00E4E4

 FFE4E4

Harmonies

Analogous

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



97E3C6



81E4E4



83E1FD

Triad

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



81E4E4



EDC7FB



F4CE9C

Complementary

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



81E4E4



E48181

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.



FFC5AB



81E4E4



FFC0E1

Square

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



81E4E4



C8D1FF



FFBFC4



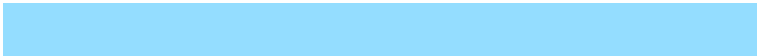
D8D79D

Rectangle

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



81E4E4



94DDFF



FFBFC4



FCCBA0

Sweetspot

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



81E4E4



DEFFFF



81E481



6B8080



000000



808080

Same Dimension

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



81E4E4



7AFFFF



81B3E4



677373



00B3B3



003333

Inverse Universe

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



E481E4



FF7AFF



E4B381



736773



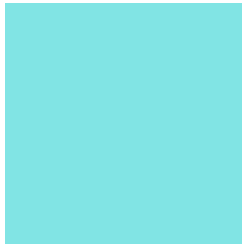
B300B3



330033

Previews

White Background



This preview shows how the Hex color 81E4E4 looks on a white background.

Color Contrast Check

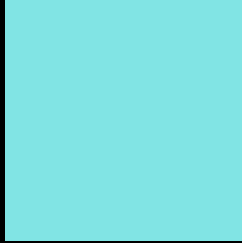
Large Text (above 18pt) WCAG AA × Fail

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 81E4E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

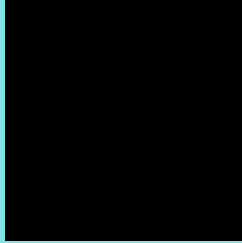
Any Text WCAG AA ✓ Pass

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 81E4E4 Background



This preview shows how black text looks on a background with the Hex color 81E4E4.

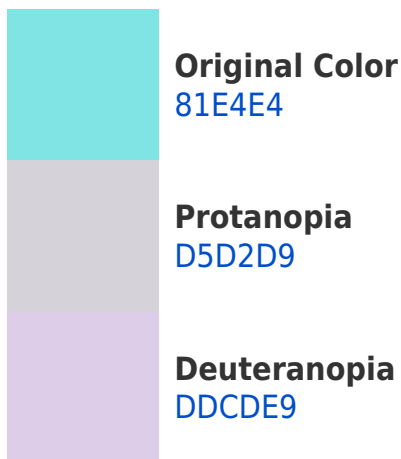


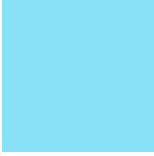
This preview shows how white text looks on a background with the Hex color 81E4E4.

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



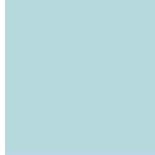


Tritanopia
86E2F4

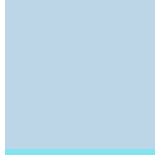
Trichromacy



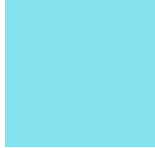
Original Color
81E4E4



Protanomaly
B6D9DD



Deuteranomaly
BCD5E7

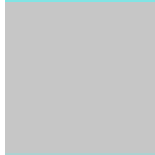


Tritanomaly
84E3EE

Monochromacy



Original Color
81E4E4



Achromatopsia
C6C6C6



Achromatomaly
ADD1D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 81E4E4 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 #81E4E4 looks like.

```
.text, #text, p{  
    color:#81E4E4  
}
```

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 #81E4E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E4E4  
}
```

Border

The CSS property to change the border of an element to Hex 81E4E4 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  
#81E4E4 }
```

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

```
.border{ border-color:#81E4E4 }
```

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

Here you see how a box with a 4 pixel #81E4E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E4E4; -webkit-box-shadow:4px 4px  
4px 4px #81E4E4; box-shadow:4px 4px 4px  
4px #81E4E4 }
```

Background

The CSS property to change the background color of an element to Hex 81E4E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E4E4 }
```

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

```
.background{ background-color:#81E4E4 }
```

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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