

Converting Colors

Hex(80E3E3)

Have a look what the booklet for
Hex(80E3E3) contains.

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Color

Hex(80E3E3)

Conversions

Conversions Part 1

Format	Color
Hex	80E3E3
RGB	128, 227, 227
RGB Percent	50%, 89%, 89%
CMY	0.4980, 0.1098, 0.1098
CMYK	0.44, 0.00, 0.00, 0.11
HSL	180°, 64%, 70%
HSV	180°, 44%, 89%
XYZ	50.2363, 65.0734, 82.5857
YIQ	197.3990, -59.0040, -20.9880

Conversions

Conversions Part 2

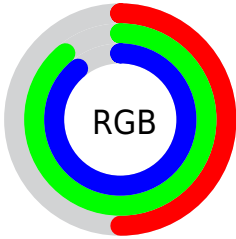
Format	Color
RYB	128, 178, 227
Decimal	8446947
CIELab	84.52, -29.02, -9.08
CIElCh	85, 30.408, 197.377
Yxy	65.0734, 0.2539, 0.3288
Android (android.graphics.Color)	4286637027 (0xFF80E3E3)
YUV	197.3990, 14.5933, -60.8629
Hunter-Lab	80.6681, -30.0078, -4.2318

Details

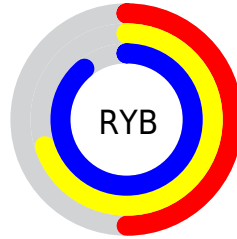
The Hex color **80E3E3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E38080**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BAFFFF**, and **45ABAC** is the 20% darker color. If you saturate the color by 10%, you get **69E3E3**, and if you desaturate by 10%, it is **97E3E3**.

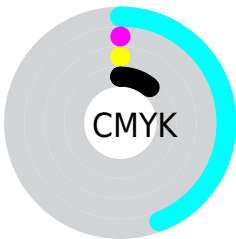
Distribution



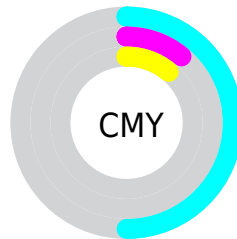
- Red (50%)
- Green (89%)
- Blue (89%)



- Red (50%)
- Yellow (70%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80E3E3 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 80E3E3 by changing the saturation by 10% instead.

 80E3E3

 80E3E3

FFFFFF

 63C7C7

 BAFFFF

 45ABAC

 D7FFFF

 219091

 F5FFFF

 007778

 005D5F

 004547

 002E31

 00191C

 000000

 80E3E3

 80E3E3

 69E3E3

 97E3E3

 53E3E3

 ADE3E3

 3CE3E3

 C4E3E3

 25E3E3

 DBE3E3

 0FE3E3

 F1E3E3

 00E3E3

 FFE3E3

Harmonies

Analogous

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



96E2C5



80E3E3



82E0FC

Triad

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



80E3E3



ECC6FA



F3CD9B

Complementary

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



80E3E3



E38080

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.



FFC4AA



80E3E3



FFBFE0

Square

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



80E3E3



C7D0FF



FFBEC3



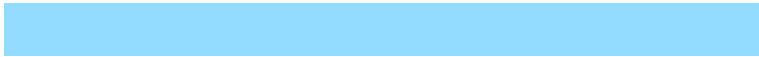
D7D69C

Rectangle

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



80E3E3



93DCFF



FFBEC3



FBCA9F

Sweetspot

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



80E3E3



DEFFFF



80E380



6B8080



000000



808080

Same Dimension

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



80E3E3



7AFFFF



80B2E3



677373



00B3B3



003333

Inverse Universe

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



E380E3



FF7AFF



E3B280



736773



B300B3



330033

Previews

White Background



This preview shows how the Hex color 80E3E3 looks on a white background.

Color Contrast Check

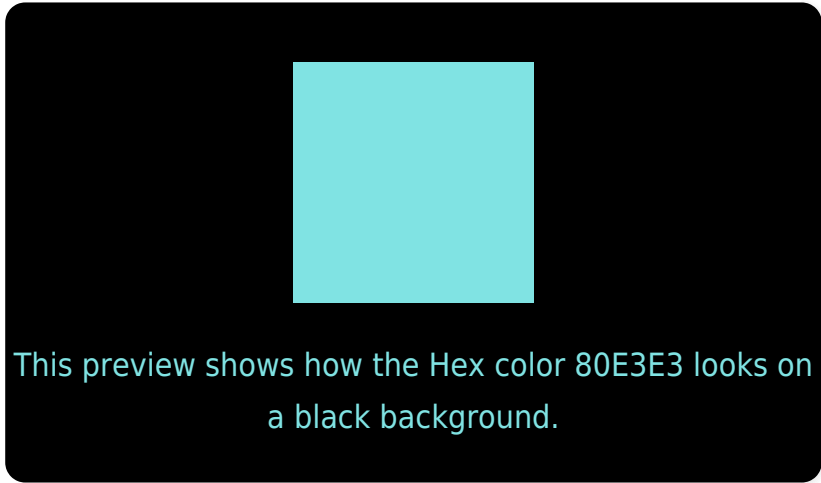
Large Text (above 18pt) WCAG AA × Fail

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

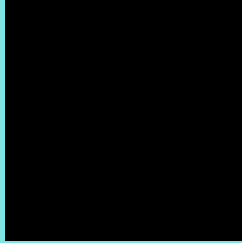
Any Text WCAG AA ✓ Pass

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 80E3E3 Background



This preview shows how black text looks on a background with the Hex color 80E3E3.

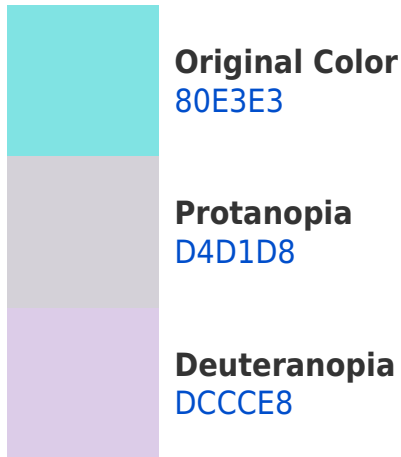


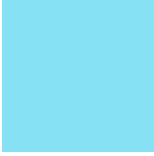
This preview shows how white text looks on a background with the Hex color 80E3E3.

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



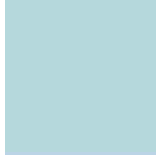


Tritanopia
85E1F3

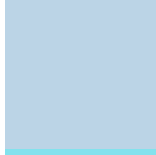
Trichromacy



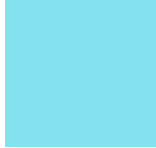
Original Color
80E3E3



Protanomaly
B5D8DC



Deuteranomaly
BBD4E6

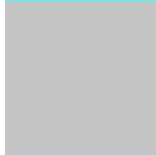


Tritanomaly
83E2ED

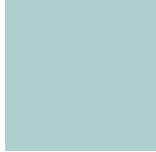
Monochromacy



Original Color
80E3E3



Achromatopsia
C5C5C5



Achromatomaly
ACD0D0

CSS Examples

Text

The CSS property to change the color of the text to Hex 80E3E3 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 #80E3E3 looks like.

```
.text, #text, p{  
    color:#80E3E3  
}
```

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 #80E3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80E3E3
}
```

Border

The CSS property to change the border of an element to Hex 80E3E3 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
#80E3E3 }
```

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

```
.border{ border-color:#80E3E3 }
```

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

Here you see how a box with a 4 pixel #80E3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80E3E3; -webkit-box-shadow:4px 4px  
4px 4px #80E3E3; box-shadow:4px 4px 4px  
4px #80E3E3 }
```

Background

The CSS property to change the background color of an element to Hex 80E3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80E3E3 }
```

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

```
.background{ background-color:#80E3E3 }
```

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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