

Converting Colors

Hex(81E2D1)

Have a look what the booklet for
Hex(81E2D1) contains.

Hex(81E2D1)	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(81E2D1)

Conversions

Conversions Part 1

Format	Color
Hex	81E2D1
RGB	129, 226, 209
RGB Percent	51%, 89%, 82%
CMY	0.4941, 0.1137, 0.1804
CMYK	0.43, 0.00, 0.08, 0.11
HSL	169°, 63%, 70%
HSV	169°, 43%, 89%
XYZ	47.7582, 63.6633, 70.0927
YIQ	195.0590, -52.3550, -25.8510

Conversions

Conversions Part 2

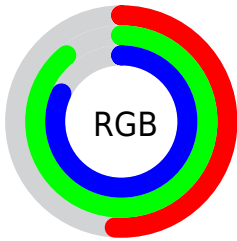
Format	Color
RYB	129, 182, 226
Decimal	8512209
CIELab	83.79, -32.63, -0.64
CIElCh	84, 32.634, 181.121
Yxy	63.6633, 0.2631, 0.3507
Android (android.graphics.Color)	4286702289 (0xFF81E2D1)
YUV	195.0590, 6.8729, -57.9337
Hunter-Lab	79.7893, -32.7892, 3.7678

Details

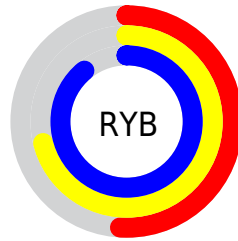
The Hex color **81E2D1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E28192**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BAFFFF**, and **47AA9B** is the 20% darker color. If you saturate the color by 10%, you get **6AE2CD**, and if you desaturate by 10%, it is **98E2D5**.

Distribution



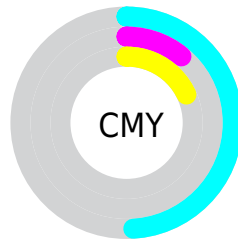
- Red (51%)
- Green (89%)
- Blue (82%)



- Red (51%)
- Yellow (71%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E2D1 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 81E2D1 by changing the saturation by 10% instead.

 81E2D1

 81E2D1

FFFFFF

 65C6B5

 BAFFFF

 47AA9B

 D7FFFF

 278F81

 F5FFFF

 007568

 005C50

 004439

 002D23

 00160E

 000000

 81E2D1

 81E2D1

 6AE2CD

 98E2D5

 54E2C9

 AEE2D9

 3DE2C5

 C5E2DD

 27E2C1

 DBE2E1

 10E2BD

 F2E2E5

 00E2BA

 FFE2E9

 FFE2ED

 FFE2F1

 FFE2F5

Harmonies

Analogous

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



A1DFB2



81E2D1



72E1F0

Triad

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



81E2D1



D7C9FF



FFC59C

Complementary

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



81E2D1



E28192

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.



FFBDB3



81E2D1



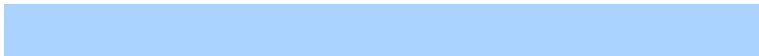
F9BFEF

Square

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



81E2D1



ABD3FF



FFBAD1



E6CF93

Rectangle

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



81E2D1



79DEFF



FFBAD1



FFC2A2

Sweetspot

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



81E2D1



DEFFF9



93E281



6B807C



000000



808080

Same Dimension

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



81E2D1



7AFFE8



81C3E2



65706E



00B091



003028

Inverse Universe

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



E28192



FF7A92



E2A081



706567



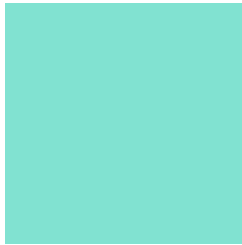
B0001F



300008

Previews

White Background



This preview shows how the Hex color 81E2D1 looks on a white background.

Color Contrast Check

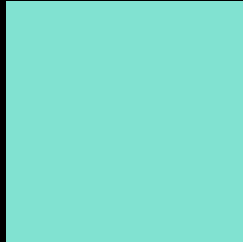
Large Text (above 18pt) WCAG AA × Fail

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 81E2D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

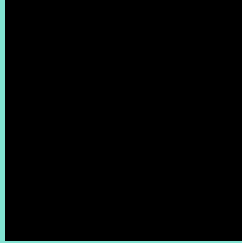
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

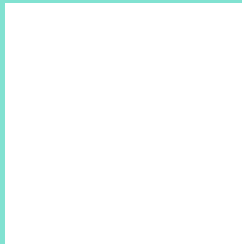
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 81E2D1 Background



This preview shows how black text looks on a background with the Hex color 81E2D1.



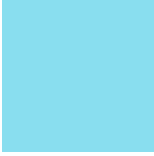
This preview shows how white text looks on a background with the Hex color 81E2D1.

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](#).

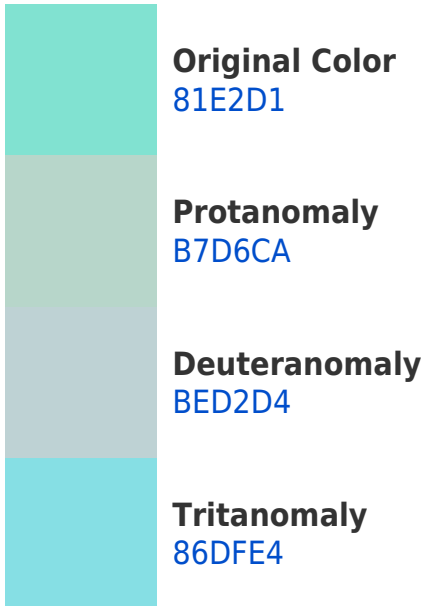
Dichromacy



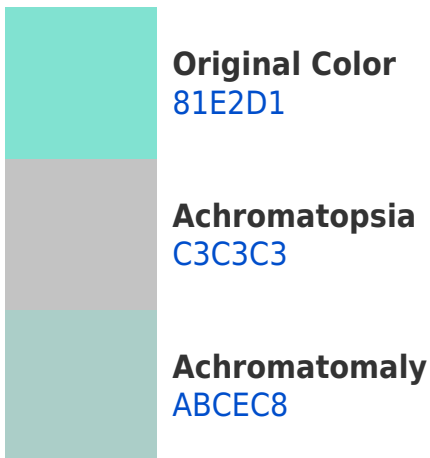


Tritanopia
89DEEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81E2D1 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 #81E2D1 looks like.

```
.text, #text, p{  
    color:#81E2D1  
}
```

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 #81E2D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E2D1
}
```

Border

The CSS property to change the border of an element to Hex 81E2D1 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
#81E2D1 }
```

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

```
.border{ border-color:#81E2D1 }
```

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

Here you see how a box with a 4 pixel #81E2D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E2D1; -webkit-box-shadow:4px 4px  
4px 4px #81E2D1; box-shadow:4px 4px 4px  
4px #81E2D1 }
```

Background

The CSS property to change the background color of an element to Hex 81E2D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E2D1 }
```

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

```
.background{ background-color:#81E2D1 }
```

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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