

Converting Colors

Hex(81E5E5)

Have a look what the booklet for
Hex(81E5E5) contains.

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Color

Hex(81E5E5)

Conversions

Conversions Part 1

Format	Color
Hex	81E5E5
RGB	129, 229, 229
RGB Percent	51%, 90%, 90%
CMY	0.4941, 0.1020, 0.1020
CMYK	0.44, 0.00, 0.00, 0.10
HSL	180°, 66%, 70%
HSV	180°, 44%, 90%
XYZ	51.2154, 66.3629, 84.2387
YIQ	199.1000, -59.6000, -21.2000

Conversions

Conversions Part 2

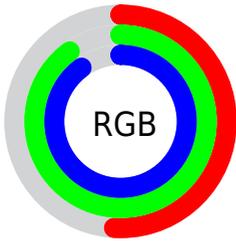
Format	Color
RYB	129, 179, 229
Decimal	8512997
CIELab	85.18, -29.25, -9.15
CIELCh	85, 30.653, 197.374
Yxy	66.3629, 0.2538, 0.3288
Android (android.graphics.Color)	4286703077 (0xFF81E5E5)
YUV	199.1000, 14.7407, -61.4777
Hunter-Lab	81.4634, -30.3394, -4.2855

Details

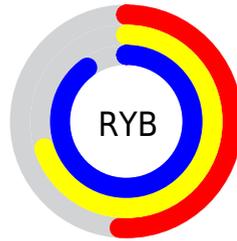
The Hex color **81E5E5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E58181**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BBFFFF**, and **46ADAE** is the 20% darker color. If you saturate the color by 10%, you get **6AE5E5**, and if you desaturate by 10%, it is **98E5E5**.

Distribution



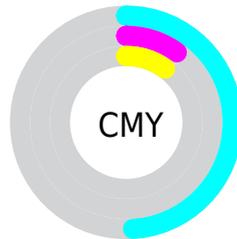
- Red (51%)
- Green (90%)
- Blue (90%)



- Red (51%)
- Yellow (70%)
- Blue (90%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81E5E5 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 81E5E5 by changing the saturation by 10% instead.

 81E5E5

 81E5E5

FFFFFF

 64C9C9

 BBFFFF

 46ADAE

 D9FFFF

 229293

 F6FFFF

 007879

 005F61

 004749

 003032

 001C1D

 000002

 81E5E5

 81E5E5

 6AE5E5

 98E5E5

 53E5E5

 AFE5E5

 3CE5E5

 C6E5E5

 25E5E5

 DDE5E5

 0EE5E5

 F4E5E5

 00E5E5

 FFE5E5

Harmonies

Analogous

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



97E4C7



81E5E5



83E2FE

Triad

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



81E5E5



EEC8FC



F5CF9D

Complementary

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



81E5E5



E58181

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.



FFC6AB



81E5E5



FFC1E2

Square

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



81E5E5



C9D2FF



FFC0C5



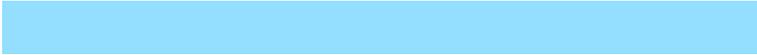
D8D89D

Rectangle

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



81E5E5



94DEFF



FFC0C5



FDCBA0

Sweetspot

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



81E5E5



DEFFFF



81E581



6B8080



000000



808080

Same Dimension

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



81E5E5



7AFFFF



81B3E5



677373



00B3B3



003333

Inverse Universe

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



E581E5



FF7AFF



E5B381



736773



B300B3



330033

Previews

White Background



This preview shows how the Hex color 81E5E5 looks on a white background.

Color Contrast Check

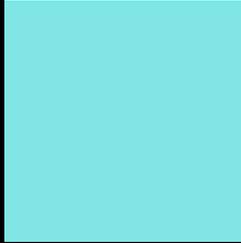
Large Text (above 18pt) WCAG AA × Fail

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 81E5E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

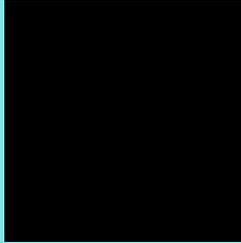
Any Text WCAG AA ✓ Pass

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 81E5E5 Background



This preview shows how black text looks on a background with the Hex color 81E5E5.



This preview shows how white text looks on a background with the Hex color 81E5E5.

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
86E3F5

Trichromacy



Original Color
81E5E5



Protanomaly
B6D9DE



Deuteranomaly
BCD6E8



Tritanomaly
84E4EF

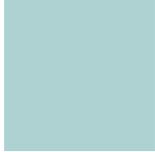
Monochromacy



Original Color
81E5E5



Achromatopsia
C7C7C7



Achromatomaly
AED2D2

CSS Examples

Text

The CSS property to change the color of the text to Hex 81E5E5 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 #81E5E5 looks like.

```
.text, #text, p{  
    color:#81E5E5  
}
```

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 #81E5E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E5E5
}
```

Border

The CSS property to change the border of an element to Hex 81E5E5 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
#81E5E5 }
```

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

```
.border{ border-color:#81E5E5 }
```

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

Here you see how a box with a 4 pixel #81E5E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E5E5; -webkit-box-shadow:4px 4px  
4px 4px #81E5E5; box-shadow:4px 4px 4px  
4px #81E5E5 }
```

Background

The CSS property to change the background color of an element to Hex 81E5E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E5E5 }
```

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

```
.background{ background-color:#81E5E5 }
```

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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