

Converting Colors

Hex(85E0E4)

Have a look what the booklet for
Hex(85E0E4) contains.

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Color

Hex(85E0E4)

Conversions

Conversions Part 1

Format	Color
Hex	85E0E4
RGB	133, 224, 228
RGB Percent	52%, 88%, 89%
CMY	0.4784, 0.1216, 0.1059
CMYK	0.42, 0.02, 0.00, 0.11
HSL	183°, 64%, 71%
HSV	183°, 42%, 89%
XYZ	50.3321, 63.8993, 83.0798
YIQ	197.2470, -55.5200, -18.0480

Conversions

Conversions Part 2

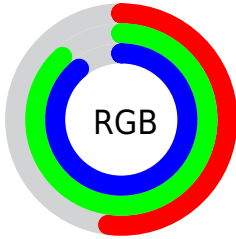
Format	Color
RYB	133, 179, 228
Decimal	8773860
CIELab	83.91, -26.14, -10.49
CIElCh	84, 28.169, 201.870
Yxy	63.8993, 0.2551, 0.3239
Android (android.graphics.Color)	4286963940 (0xFF85E0E4)
YUV	197.2470, 15.1612, -56.3446
Hunter-Lab	79.9370, -27.4978, -5.6651

Details

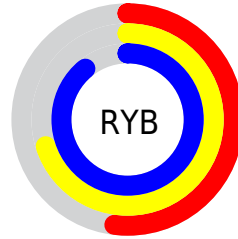
The Hex color **85E0E4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E48985**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BFFFFFF**, and **4BA8AD** is the 20% darker color. If you saturate the color by 10%, you get **6EDFE4**, and if you desaturate by 10%, it is **9CE1E4**.

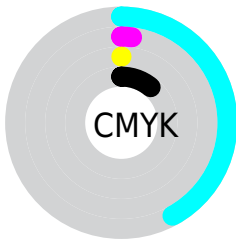
Distribution



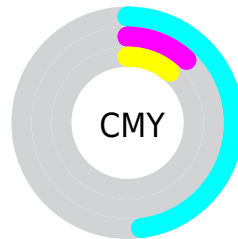
- Red (52%)
- Green (88%)
- Blue (89%)



- Red (52%)
- Yellow (70%)
- Blue (89%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (48%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85E0E4 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 85E0E4 by changing the saturation by 10% instead.

 85E0E4

 85E0E4

FFFFFF

 68C4C8

 BFFFFFF

 4BA8AD

 DCFFFF

 2B8E92

 FAFFFF

 007478

 005B60

 004348

 002C32

 00171D

 000000

 85E0E4

 85E0E4

 6EDFE4

 9CE1E4

 57DEE4

 B3E2E4

 41DDE4

 C9E3E4

 2ADCE4

 E0E4E4

 13DBE4

 F7E5E4

 00DAE4

 FFE6E4

 FFE7E4

 FFE8E4

 FFE9E4

Harmonies

Analogous

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



96E0C9



85E0E4



8BDDFA

Triad

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



85E0E4



ECC4F2



ECCD9D

Complementary

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



85E0E4



E48985

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.



FFC4A9



85E0E4



FFBFDA

Square

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



85E0E4



CCCDFE



FFBFBF



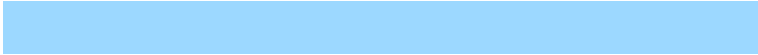
D0D6A0

Rectangle

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



85E0E4



9CD8FF



FFBFBF



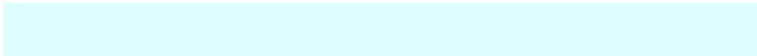
F3CA9F

Sweetspot

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



85E0E4



DEFEFF



85E488



6B7F80



000000



808080

Same Dimension

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



85E0E4



80FAFF



85B1E4



677273



00ABB3



003133

Inverse Universe

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



E485E0



FF80FA



E4B885



736772



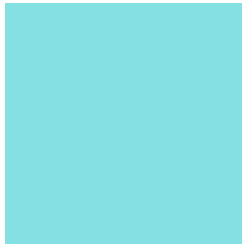
B300AB



330031

Previews

White Background



This preview shows how the Hex color 85E0E4 looks on a white background.

Color Contrast Check

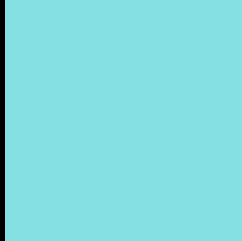
Large Text (above 18pt) WCAG AA × Fail

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 85E0E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

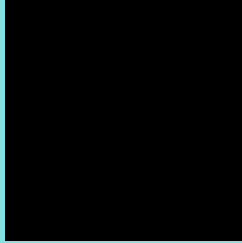
Any Text WCAG AA ✓ Pass

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 85E0E4 Background



This preview shows how black text looks on a background with the Hex color 85E0E4.

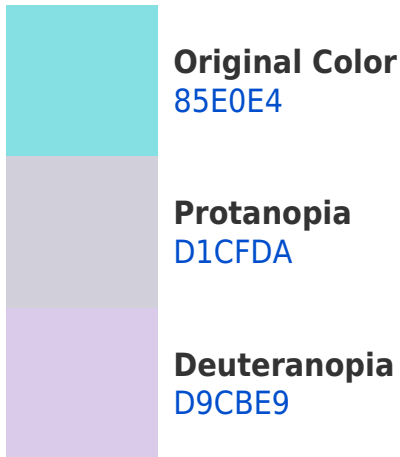


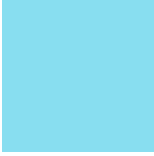
This preview shows how white text looks on a background with the Hex color 85E0E4.

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](#).

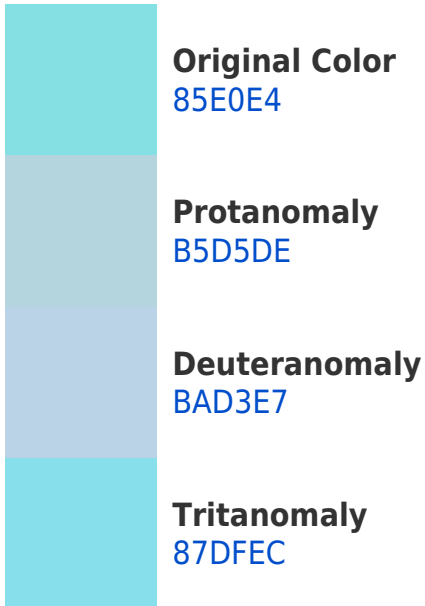
Dichromacy



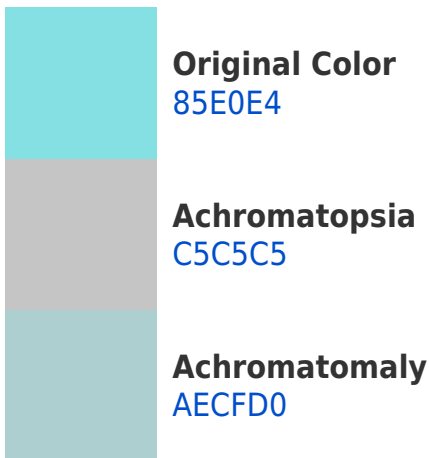


Tritanopia
88DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85E0E4 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 #85E0E4 looks like.

```
.text, #text, p{  
    color:#85E0E4  
}
```

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 #85E0E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E0E4
}
```

Border

The CSS property to change the border of an element to Hex 85E0E4 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
#85E0E4 }
```

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

```
.border{ border-color:#85E0E4 }
```

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

Here you see how a box with a 4 pixel #85E0E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E0E4; -webkit-box-shadow:4px 4px  
4px 4px #85E0E4; box-shadow:4px 4px 4px  
4px #85E0E4 }
```

Background

The CSS property to change the background color of an element to Hex 85E0E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E0E4 }
```

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

```
.background{ background-color:#85E0E4 }
```

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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