

Converting Colors

Hex(84E3E8)

Have a look what the booklet for
Hex(84E3E8) contains.

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Color

Hex(84E3E8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 84E3E8 |
| RGB | 132, 227, 232 |
| RGB Percent | 52%, 89%, 91% |
| CMY | 0.4824, 0.1098, 0.0902 |
| CMYK | 0.43, 0.02, 0.00, 0.09 |
| HSL | 183°, 68%, 71% |
| HSV | 183°, 43%, 91% |
| XYZ | 51.5503, 65.6699, 86.3025 |
| YIQ | 199.1650, -58.2250, -18.5850 |

Conversions

Conversions Part 2

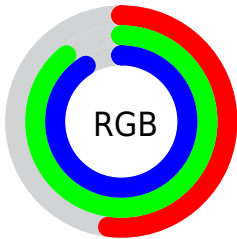
| Format | Color |
|-------------------------------------|---|
| RYB | 132, 181, 232 |
| Decimal | 8709096 |
| CIELab | 84.83, -26.85, -11.25 |
| CIELCh | 85, 29.108, 202.736 |
| Yxy | 65.6699, 0.2533, 0.3227 |
| Android (android.graphics.Color) | 4286899176 (0xFF84E3E8) |
| YUV | 199.1650, 16.1877, -58.9037 |
| Hunter-Lab | 81.0370, -28.2649, -6.4166 |

Details

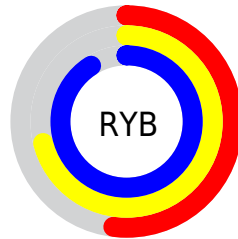
The Hex color **84E3E8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E88984**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BEFFFF**, and **49ABB0** is the 20% darker color. If you saturate the color by 10%, you get **6DE2E8**, and if you desaturate by 10%, it is **9BE4E8**.

Distribution



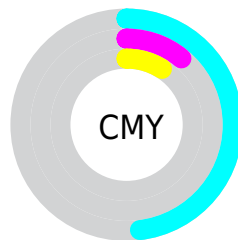
- Red (52%)
- Green (89%)
- Blue (91%)



- Red (52%)
- Yellow (71%)
- Blue (91%)



- Cyan (43%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E3E8 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 84E3E8 by changing the saturation by 10% instead.

 84E3E8

 84E3E8

FFFFFF

 67C7CC

 BEFFFF

 49ABB0

 DBFFFF

 289196

 F9FFFF

 00777C

 005E63

 00464B

 002F35

 001A1F

 000006

84E3E8

84E3E8

6DE2E8

9BE4E8

56E1E8

B2E5E8

3EE0E8

CAE6E8

27DEE8

E1E8E8

10DDE8

F8E9E8

00DCE8

FFEAE8

FFEBE8

FFECE8

FFEDE8

Harmonies

Analogous

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



95E3CC



84E3E8



8BDFFF

Triad

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



84E3E8



F1C6F5



EED09E

Complementary

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



84E3E8



E88984

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.



FFC7A9



84E3E8



FFC0DC

Square

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



84E3E8



CFCFFF



FFC1C0



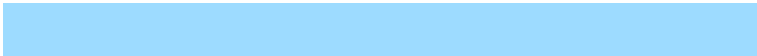
D2D9A1

Rectangle

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



84E3E8



9DDBFF



FFC1C0



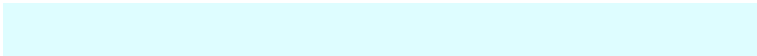
F6CDA0

Sweetspot

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



84E3E8



DEFDFF



84E889



6B7E80



000000



808080

Same Dimension

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



84E3E8



7AF8FF



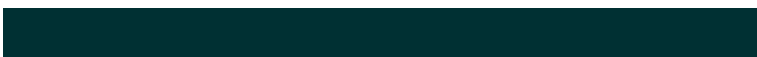
84B1E8



677273



00AAB3



003033

Inverse Universe

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



E884E3



FF7AF8



E8BB84



736772



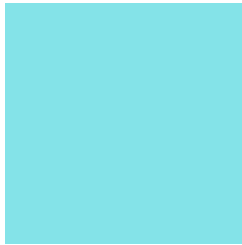
B300AA



330030

Previews

White Background



This preview shows how the Hex color 84E3E8 looks on a white background.

Color Contrast Check

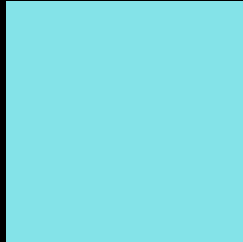
Large Text (above 18pt) WCAG AA × Fail

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 84E3E8 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 84E3E8 Background



This preview shows how black text looks on a background with the Hex color 84E3E8.

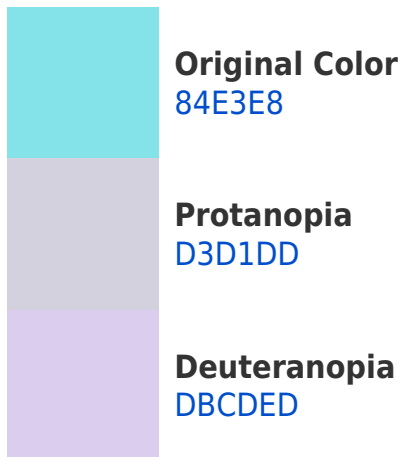


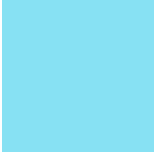
This preview shows how white text looks on a background with the Hex color 84E3E8.

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](#).

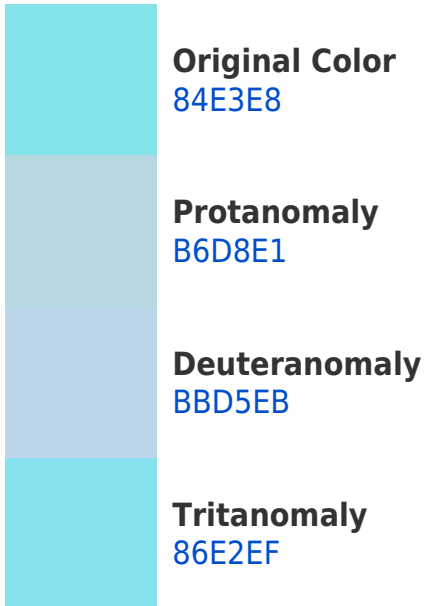
Dichromacy



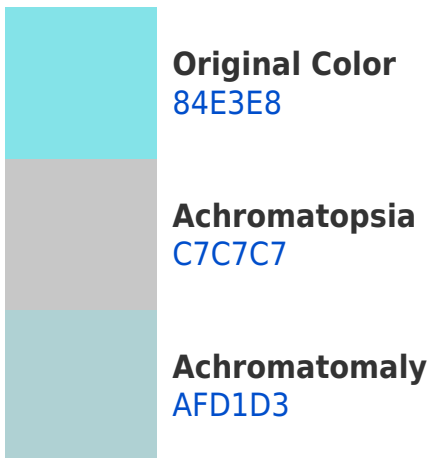


Tritanopia
87E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84E3E8 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 #84E3E8 looks like.

```
.text, #text, p{  
    color:#84E3E8  
}
```

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 #84E3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E3E8  
}
```

Border

The CSS property to change the border of an element to Hex 84E3E8 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  
#84E3E8 }
```

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

```
.border{ border-color:#84E3E8 }
```

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

Here you see how a box with a 4 pixel #84E3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E3E8; -webkit-box-shadow:4px 4px  
4px 4px #84E3E8; box-shadow:4px 4px 4px  
4px #84E3E8 }
```

Background

The CSS property to change the background color of an element to Hex 84E3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E3E8 }
```

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

```
.background{ background-color:#84E3E8 }
```

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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