

Converting Colors

Hex(84E5E1)

Have a look what the booklet for
Hex(84E5E1) contains.

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Color

Hex(84E5E1)

Conversions

Conversions Part 1

Format	Color
Hex	84E5E1
RGB	132, 229, 225
RGB Percent	52%, 90%, 88%
CMY	0.4824, 0.1020, 0.1176
CMYK	0.42, 0.00, 0.02, 0.10
HSL	178°, 65%, 71%
HSV	178°, 42%, 90%
XYZ	51.1256, 66.3804, 81.3523
YIQ	199.5410, -56.5280, -21.8080

Conversions

Conversions Part 2

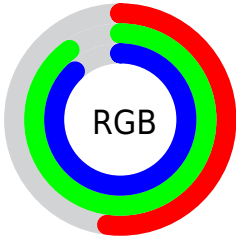
Format	Color
RYB	132, 182, 229
Decimal	8709601
CIELab	85.19, -29.53, -7.02
CIELCh	85, 30.352, 193.365
Yxy	66.3804, 0.2571, 0.3338
Android (android.graphics.Color)	4286899681 (0xFF84E5E1)
YUV	199.5410, 12.5513, -59.2335
Hunter-Lab	81.4742, -30.5697, -2.1694

Details

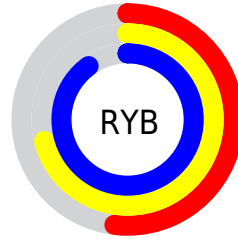
The Hex color **84E5E1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E58488**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **BEFFFF**, and **4AADAA** is the 20% darker color. If you saturate the color by 10%, you get **6DE5E0**, and if you desaturate by 10%, it is **9BE5E2**.

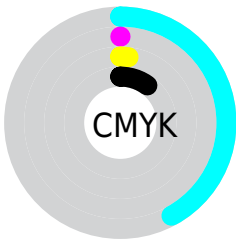
Distribution



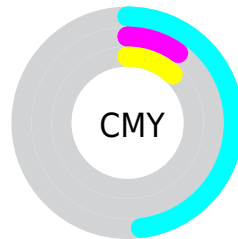
- Red (52%)
- Green (90%)
- Blue (88%)



- Red (52%)
- Yellow (71%)
- Blue (90%)



- Cyan (42%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (48%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E5E1 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 84E5E1 by changing the saturation by 10% instead.

 84E5E1

 84E5E1

FFFFFF

 67C9C5

 BEFFFF

 4AADAA

 DBFFFF

 29928F

 F9FFFF

 007876

 005F5D

 004746

 00302F

 001B1B

 000000

 84E5E1

 84E5E1

 6DE5E0

 9BE5E2

 56E5DF

 B2E5E3

 3FE5DE

 C9E5E4

 28E5DD

 E0E5E5

 12E5DC

 F7E5E6

 00E5DC

 FFE5E7

 FFE5E8

 FFE5E9

Harmonies

Analogous

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



9CE4C3



84E5E1



82E2FB

Triad

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



84E5E1



E9C9FF



F8CE9E

Complementary

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



84E5E1



E58488

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.



FFC5AF



84E5E1



FFC2E6

Square

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



84E5E1



C3D3FF



FFC0C9



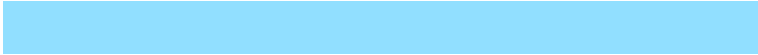
DDD79D

Rectangle

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



84E5E1



91DFFF



FFC0C9



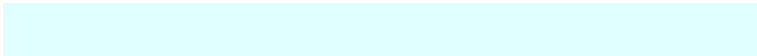
FFCAA2

Sweetspot

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



84E5E1



DEFFFE



89E584



6B807F



000000



808080

Same Dimension

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



84E5E1



7DFFFA



84B9E5



677372



00B3AB



003331

Inverse Universe

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



E58488



FF7D82



E5B084



736768



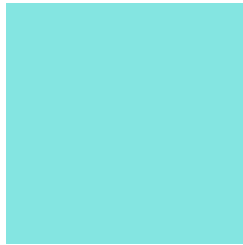
B30007



330002

Previews

White Background



This preview shows how the Hex color 84E5E1 looks on a white background.

Color Contrast Check

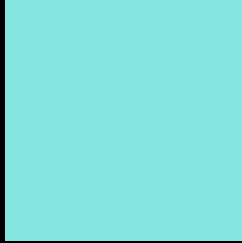
Large Text (above 18pt) WCAG AA × Fail

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 84E5E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

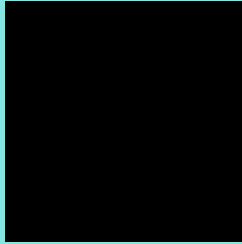
Any Text WCAG AA ✓ Pass

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 84E5E1 Background



This preview shows how black text looks on a background with the Hex color 84E5E1.

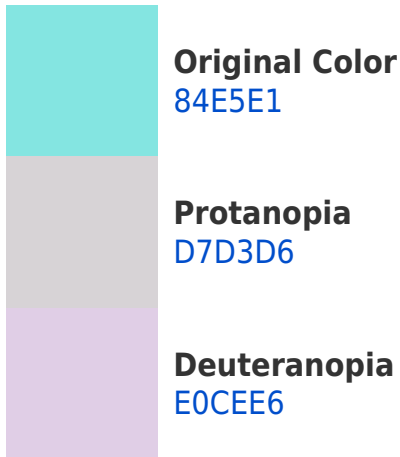


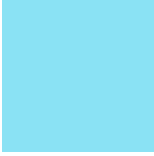
This preview shows how white text looks on a background with the Hex color 84E5E1.

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](#).

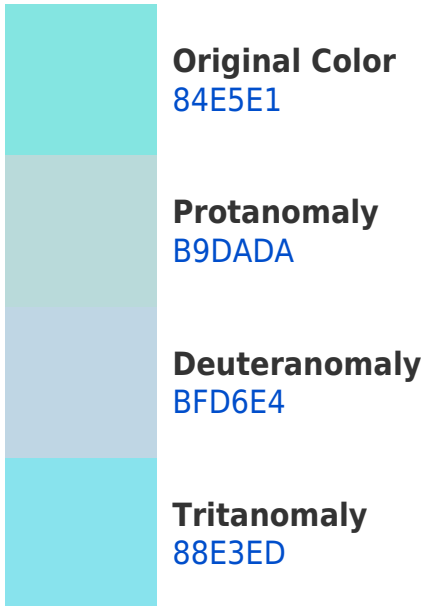
Dichromacy



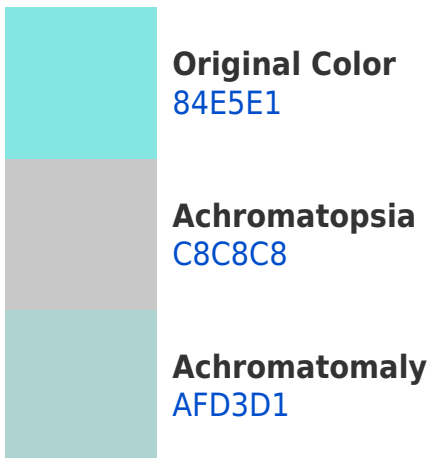


Tritanopia
8AE2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84E5E1 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 #84E5E1 looks like.

```
.text, #text, p{  
    color:#84E5E1  
}
```

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 #84E5E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E5E1
}
```

Border

The CSS property to change the border of an element to Hex 84E5E1 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
#84E5E1 }
```

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

```
.border{ border-color:#84E5E1 }
```

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

Here you see how a box with a 4 pixel #84E5E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E5E1; -webkit-box-shadow:4px 4px  
4px 4px #84E5E1; box-shadow:4px 4px 4px  
4px #84E5E1 }
```

Background

The CSS property to change the background color of an element to Hex 84E5E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E5E1 }
```

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

```
.background{ background-color:#84E5E1 }
```

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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