

Converting Colors

Hex(84E1AC)

Have a look what the booklet for
Hex(84E1AC) contains.

Hex(84E1AC)	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(84E1AC)

Conversions

Conversions Part 1

Format	Color
Hex	84E1AC
RGB	132, 225, 172
RGB Percent	52%, 88%, 67%
CMY	0.4824, 0.1176, 0.3255
CMYK	0.41, 0.00, 0.24, 0.12
HSL	146°, 61%, 70%
HSV	146°, 41%, 88%
XYZ	43.8873, 61.7345, 48.6326
YIQ	191.1510, -38.4150, -36.1990

Conversions

Conversions Part 2

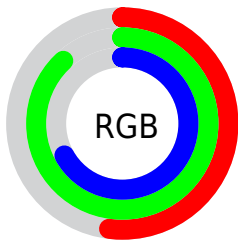
Format	Color
RYB	132, 197, 225
Decimal	8708524
CIELab	82.77, -39.28, 17.42
CIELCh	83, 42.970, 156.090
Yxy	61.7345, 0.2845, 0.4002
Android (android.graphics.Color)	4286898604 (0xFF84E1AC)
YUV	191.1510, -9.4414, -51.8754
Hunter-Lab	78.5713, -37.7956, 18.3017

Details

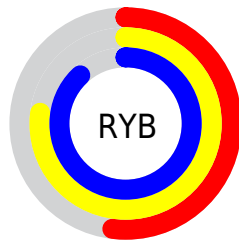
The Hex color **84E1AC** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E184B9**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BCFFE4**, and **4CA978** is the 20% darker color. If you saturate the color by 10%, you get **6EE19F**, and if you desaturate by 10%, it is **9BE1B9**.

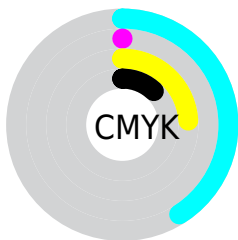
Distribution



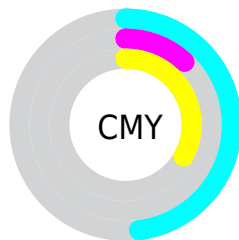
- Red (52%)
- Green (88%)
- Blue (67%)



- Red (52%)
- Yellow (77%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (48%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E1AC 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 84E1AC by changing the saturation by 10% instead.

 84E1AC

 84E1AC

FFFFFF

 68C591

 BCFFE4

 4CA978

 D9FFFF

 2F8E5F

 F7FFFF

 057447

 005B30

 00431B

 002C02

 001100

 000000

 84E1AC

 84E1AC

 6EE19F

 9BE1B9

 57E192

 B1E1C6

 41E186

 C8E1D2

 2AE179

 DEE1DF

 14E16C

 F4E1EC

 00E161

 FFE1F9

 FFE1FF

Harmonies

Analogous

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



B5DA8B



84E1AC



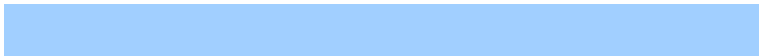
4CE4D5

Triad

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



84E1AC



A1CFFF



FFB4A0

Complementary

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



84E1AC



E184B9

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.



FFAFC7



84E1AC



DEC1FF

Square

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



84E1AC



5BDBFF



FFB4F0



FFC085

Rectangle

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



84E1AC



28E3F0



FFB4F0



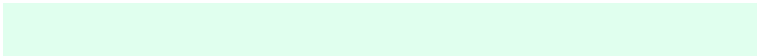
FFB1AD

Sweetspot

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



84E1AC



E0FFEE



BAE184



6E8075



000000



808080

Same Dimension

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



84E1AC



80FFB6



84E1D9



65706A



00B04C



003015

Inverse Universe

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



E184B9



FF80C8



E1848C



70656B



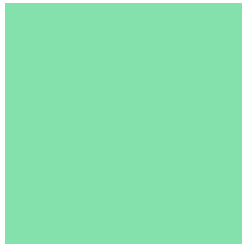
B00064



30001C

Previews

White Background



This preview shows how the Hex color 84E1AC looks on a white background.

Color Contrast Check

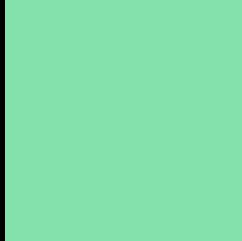
Large Text (above 18pt) WCAG AA × Fail

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 84E1AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

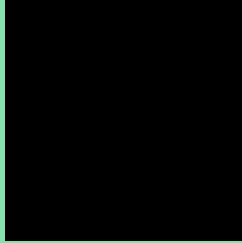
Any Text WCAG AA ✓ Pass

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 84E1AC Background



This preview shows how black text looks on a background with the Hex color 84E1AC.

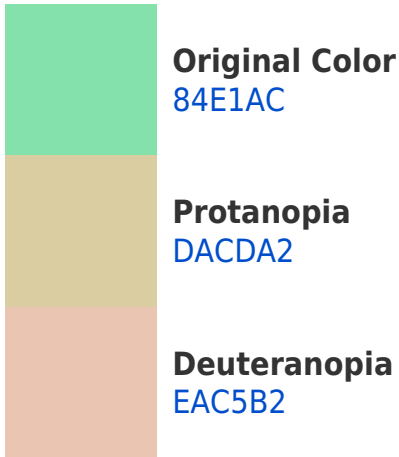


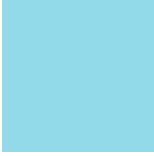
This preview shows how white text looks on a background with the Hex color 84E1AC.

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](#).

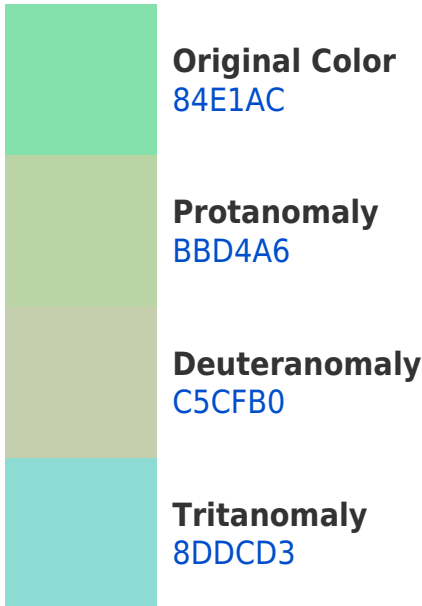
Dichromacy



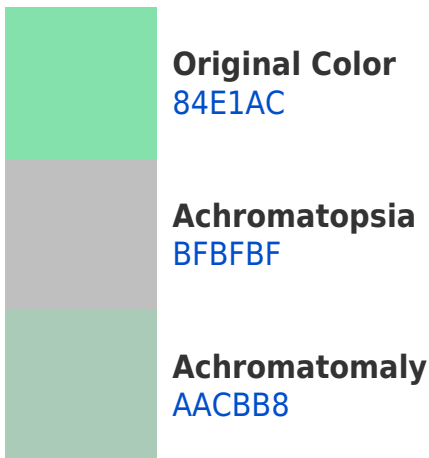


Tritanopia
92D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84E1AC 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 #84E1AC looks like.

```
.text, #text, p{  
    color:#84E1AC  
}
```

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 #84E1AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E1AC
}
```

Border

The CSS property to change the border of an element to Hex 84E1AC 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
#84E1AC }
```

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

```
.border{ border-color:#84E1AC }
```

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

Here you see how a box with a 4 pixel #84E1AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E1AC; -webkit-box-shadow:4px 4px  
4px 4px #84E1AC; box-shadow:4px 4px 4px  
4px #84E1AC }
```

Background

The CSS property to change the background color of an element to Hex 84E1AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E1AC }
```

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

```
.background{ background-color:#84E1AC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor