

Converting Colors

Hex(84E1EC)

Have a look what the booklet for
Hex(84E1EC) contains.

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Color

Hex(84E1EC)

Conversions

Conversions Part 1

Format	Color
Hex	84E1EC
RGB	132, 225, 236
RGB Percent	52%, 88%, 93%
CMY	0.4824, 0.1176, 0.0745
CMYK	0.44, 0.05, 0.00, 0.07
HSL	186°, 73%, 72%
HSV	186°, 44%, 93%
XYZ	51.5813, 64.8121, 89.1482
YIQ	198.4470, -58.9590, -16.2950

Conversions

Conversions Part 2

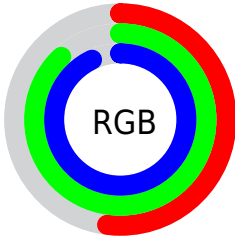
Format	Color
RYB	132, 181, 236
Decimal	8708588
CIELab	84.39, -24.86, -14.02
CIELCh	84, 28.545, 209.422
Yxy	64.8121, 0.2510, 0.3153
Android (android.graphics.Color)	4286898668 (0xFF84E1EC)
YUV	198.4470, 18.5136, -58.2740
Hunter-Lab	80.5060, -26.5181, -9.3006

Details

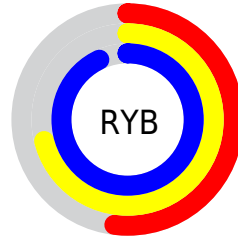
The Hex color **84E1EC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EC8F84**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BEFFFF**, and **49A9B4** is the 20% darker color. If you saturate the color by 10%, you get **6CDFEC**, and if you desaturate by 10%, it is **9CE3EC**.

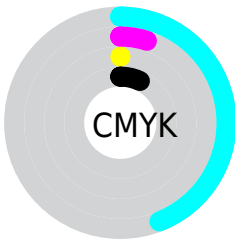
Distribution



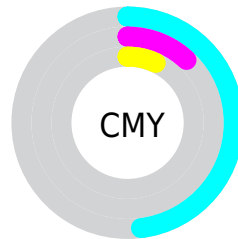
- Red (52%)
- Green (88%)
- Blue (93%)



- Red (52%)
- Yellow (71%)
- Blue (93%)



- Cyan (44%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E1EC 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 84E1EC by changing the saturation by 10% instead.

 84E1EC

 84E1EC

FFFFFF

 67C5D0

 BEFFFF

 49A9B4

 DBFFFF

 278F99

 F9FFFF

 00757F

 005C66

 00444E

 002D38

 001922

 00000B

 84E1EC

 84E1EC

 6CDFEC

 9CE3EC

 55DCEC

 B3E6EC

 3DDAEC

 CBE8EC

 26D7EC

 E2EBEC

 0ED5EC

 FAEDEC

 00D3EC

 FFF0EC

 FFF2EC

 FFF5EC

 FFF7EC

Harmonies

Analogous

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



90E2D1



84E1EC



91DDFF

Triad

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



84E1EC



F5C3EE



E7D19D

Complementary

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



84E1EC



EC8F84

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.



FDC8A5



84E1EC



FFBFD4

Square

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



84E1EC



D6CCFF



FFC1B9



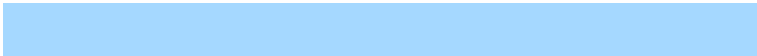
CAD9A3

Rectangle

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



84E1EC



A5D8FF



FFC1B9



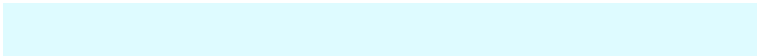
EFCE9E

Sweetspot

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



84E1EC



DEFBFF



84EC8E



6B7D80



000000



808080

Same Dimension

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



84E1EC



78F1FF



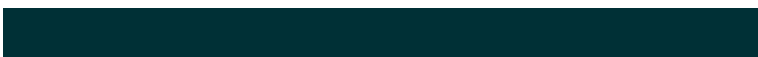
84AEEC



6A7475



00A2B5



003036

Inverse Universe

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



EC84E1



FF78F1



ECC284



756A74



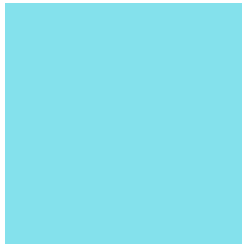
B500A2



360030

Previews

White Background



This preview shows how the Hex color 84E1EC looks on a white background.

Color Contrast Check

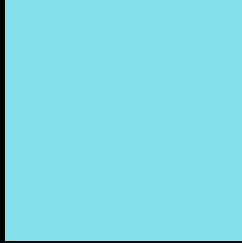
Large Text (above 18pt) WCAG AA × Fail

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 84E1EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

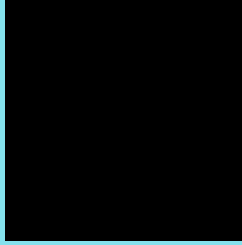
Any Text WCAG AA ✓ Pass

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 84E1EC Background



This preview shows how black text looks on a background with the Hex color 84E1EC.

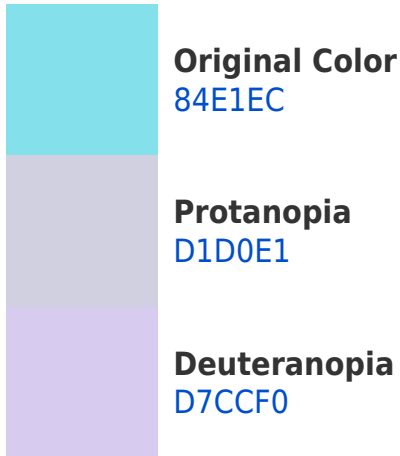


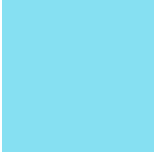
This preview shows how white text looks on a background with the Hex color 84E1EC.

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
86E0F2

Trichromacy



Original Color
84E1EC



Protanomaly
B5D6E5



Deuteranomaly
B9D4EF

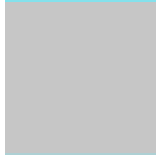


Tritanomaly
85E0F0

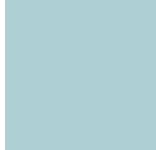
Monochromacy



Original Color
84E1EC



Achromatopsia
C6C6C6



Achromatomaly
AED0D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 84E1EC 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 #84E1EC looks like.

```
.text, #text, p{  
    color:#84E1EC  
}
```

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 #84E1EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E1EC
}
```

Border

The CSS property to change the border of an element to Hex 84E1EC 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
#84E1EC }
```

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

```
.border{ border-color:#84E1EC }
```

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

Here you see how a box with a 4 pixel #84E1EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E1EC; -webkit-box-shadow:4px 4px  
4px 4px #84E1EC; box-shadow:4px 4px 4px  
4px #84E1EC }
```

Background

The CSS property to change the background color of an element to Hex 84E1EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E1EC }
```

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

```
.background{ background-color:#84E1EC }
```

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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