

Converting Colors

Hex(84E8EC)

Have a look what the booklet for
Hex(84E8EC) contains.

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Color

Hex(84E8EC)

Conversions

Conversions Part 1

Format	Color
Hex	84E8EC
RGB	132, 232, 236
RGB Percent	52%, 91%, 93%
CMY	0.4824, 0.0902, 0.0745
CMYK	0.44, 0.02, 0.00, 0.07
HSL	182°, 73%, 72%
HSV	182°, 44%, 93%
XYZ	53.5127, 68.6749, 89.7920
YIQ	202.5560, -60.8840, -19.9560

Conversions

Conversions Part 2

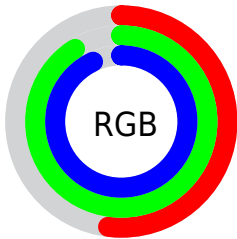
Format	Color
RYB	132, 183, 236
Decimal	8710380
CIELab	86.34, -28.27, -11.10
CIELCh	86, 30.368, 201.438
Yxy	68.6749, 0.2524, 0.3240
Android (android.graphics.Color)	4286900460 (0xFF84E8EC)
YUV	202.5560, 16.4879, -61.8776
Hunter-Lab	82.8703, -29.7585, -6.2330

Details

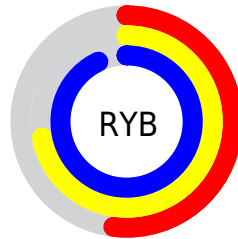
The Hex color **84E8EC** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC8884**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **BEFFFF**, and **48B0B4** is the 20% darker color. If you saturate the color by 10%, you get **6CE7EC**, and if you desaturate by 10%, it is **9CE9EC**.

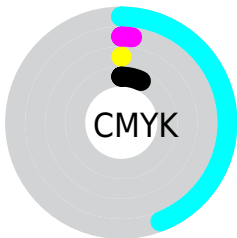
Distribution



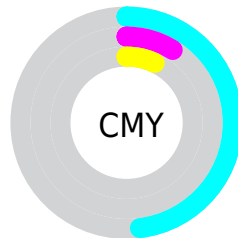
- Red (52%)
- Green (91%)
- Blue (93%)



- Red (52%)
- Yellow (72%)
- Blue (93%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E8EC 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 84E8EC by changing the saturation by 10% instead.

 84E8EC

 84E8EC

FFFFFF

 67CCD0

 BEFFFF

 48B0B4

 DCFFFF

 259599

 FAFFFF

 007B80

 006267

 004A4F

 003238

 001F22

 00000C

 84E8EC

 84E8EC

 6CE7EC

 9CE9EC

 55E6EC

 B3EAEC

 3DE5EC

 CBEBEC

 26E4EC

 E2ECEC

 0EE3EC

 FAEDEC

 00E3EC

 FFEDEC

 FFEEEC

 FFEFEC

 FFF0EC

Harmonies

Analogous

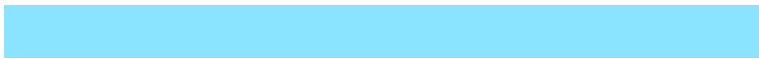
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97E8CE



84E8EC



8AE4FF

Triad

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



84E8EC



F5CAFC



F5D39F

Complementary

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



84E8EC



EC8884

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.



FFCAAC



84E8EC



FFC4E2

Square

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



84E8EC



D2D4FF



FFC4C4



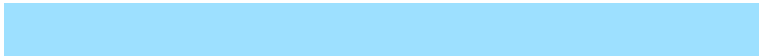
D7DDA2

Rectangle

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



84E8EC



9DE0FF



FFC4C4



FDD0A2

Sweetspot

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



84E8EC



DEFEFF



84EC87



6B7F80



000000



808080

Same Dimension

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



84E8EC



78FAFF



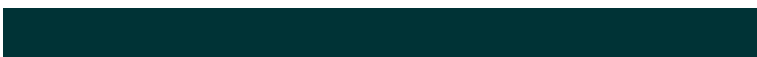
84B5EC



6A7575



00AEB5



003336

Inverse Universe

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



EC84E8



FF78FA



ECBB84



756A75



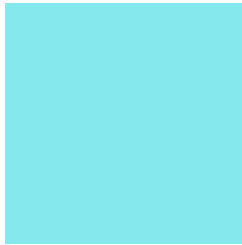
B500AE



360033

Previews

White Background



This preview shows how the Hex color 84E8EC looks on a white background.

Color Contrast Check

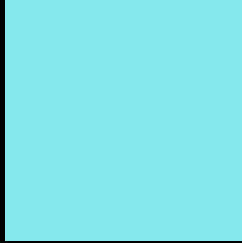
Large Text (above 18pt) WCAG AA × Fail

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 84E8EC 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 84E8EC Background



This preview shows how black text looks on a background with the Hex color 84E8EC.

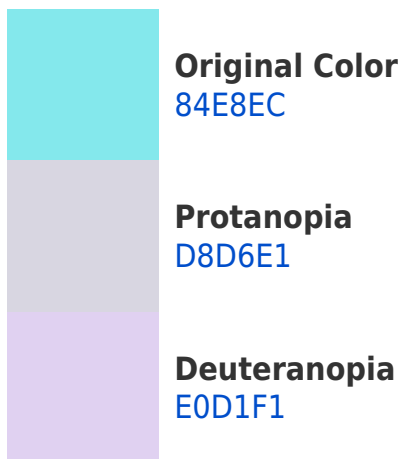


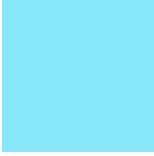
This preview shows how white text looks on a background with the Hex color 84E8EC.

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



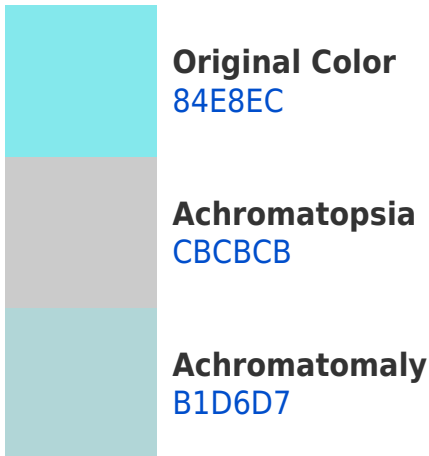


Tritanopia
88E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84E8EC 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 #84E8EC looks like.

```
.text, #text, p{  
    color:#84E8EC  
}
```

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 #84E8EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E8EC
}
```

Border

The CSS property to change the border of an element to Hex 84E8EC 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
#84E8EC }
```

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

```
.border{ border-color:#84E8EC }
```

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

Here you see how a box with a 4 pixel #84E8EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E8EC; -webkit-box-shadow:4px 4px  
4px 4px #84E8EC; box-shadow:4px 4px 4px  
4px #84E8EC }
```

Background

The CSS property to change the background color of an element to Hex 84E8EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E8EC }
```

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

```
.background{ background-color:#84E8EC }
```

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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