

Converting Colors

Hex(87E5CC)

Have a look what the booklet for
Hex(87E5CC) contains.

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Color

Hex(87E5CC)

Conversions

Conversions Part 1

Format	Color
Hex	87E5CC
RGB	135, 229, 204
RGB Percent	53%, 90%, 80%
CMY	0.4706, 0.1020, 0.2000
CMYK	0.41, 0.00, 0.11, 0.10
HSL	164°, 64%, 71%
HSV	164°, 41%, 90%
XYZ	48.9101, 65.5492, 67.2012
YIQ	198.0440, -47.9990, -27.7030

Conversions

Conversions Part 2

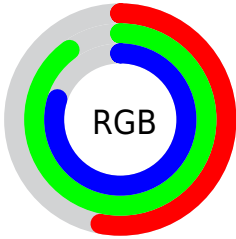
Format	Color
RYB	135, 189, 229
Decimal	8906188
CIELab	84.77, -33.66, 3.45
CIELCh	85, 33.840, 174.145
Yxy	65.5492, 0.2692, 0.3608
Android (android.graphics.Color)	4287096268 (0xFF87E5CC)
YUV	198.0440, 2.9363, -55.2896
Hunter-Lab	80.9624, -33.8509, 7.4613

Details

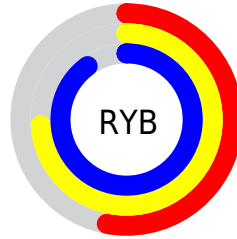
The Hex color **87E5CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E587A0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C0FFFF**, and **4FAD96** is the 20% darker color. If you saturate the color by 10%, you get **70E5C6**, and if you desaturate by 10%, it is **9EE5D2**.

Distribution



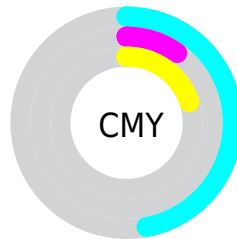
- Red (53%)
- Green (90%)
- Blue (80%)



- Red (53%)
- Yellow (74%)
- Blue (90%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (47%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E5CC 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 87E5CC by changing the saturation by 10% instead.

 87E5CC

 87E5CC

FFFFFF

 6BC9B1

 C0FFFF

 4FAD96

 DDFFFF

 31927C

 FBFFFF

 057863

 005F4B

 004635

 002F20

 001A08

 000000

 87E5CC

 87E5CC

 70E5C6

 9EE5D2

 59E5C0

 B5E5D8

 42E5BA

 CCE5DE

 2BE5B4

 E3E5E4

 14E5AE

 FAE5EA

 00E5A8

 FFE5F1

 FFE5F7

 FFE5FD

 FFE5FF

Harmonies

Analogous

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



ABE1AD



87E5CC



70E5ED

Triad

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



87E5CC



D0CEFF



FFC5A1

Complementary

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



87E5CC



E587A0

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.



FFBDBB



87E5CC



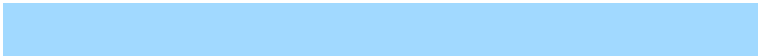
F7C3F9

Square

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



87E5CC



A1D9FF



FFBCDB



F0CF94

Rectangle

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



87E5CC



73E3FF



FFBCDB



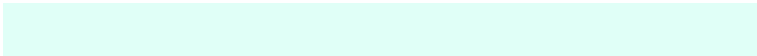
FFC2A9

Sweetspot

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



87E5CC



E0FFF7



A0E587



6E807B



000000



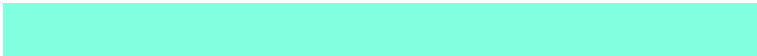
808080

Same Dimension

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



87E5CC



82FFDE



87CFE5



677370



00B383



003325

Inverse Universe

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



E587A0



FF82A3



E59D87



73676A



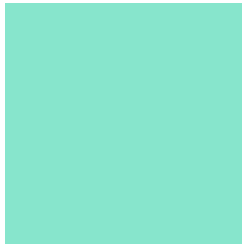
B3002F



33000E

Previews

White Background



This preview shows how the Hex color 87E5CC looks on a white background.

Color Contrast Check

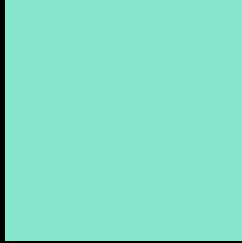
Large Text (above 18pt) WCAG AA × Fail

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 87E5CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

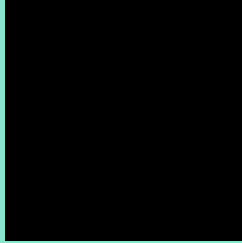
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

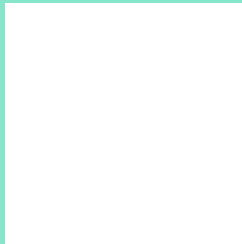
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87E5CC Background



This preview shows how black text looks on a background with the Hex color 87E5CC.

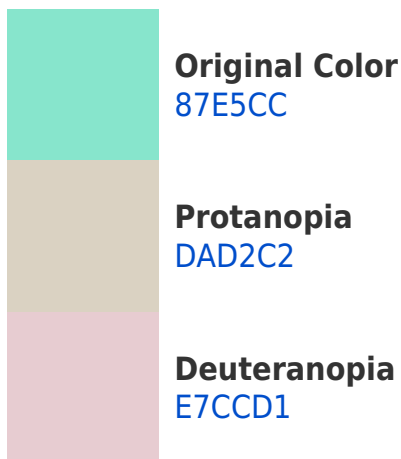


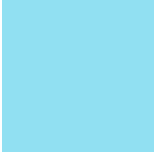
This preview shows how white text looks on a background with the Hex color 87E5CC.

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](#).

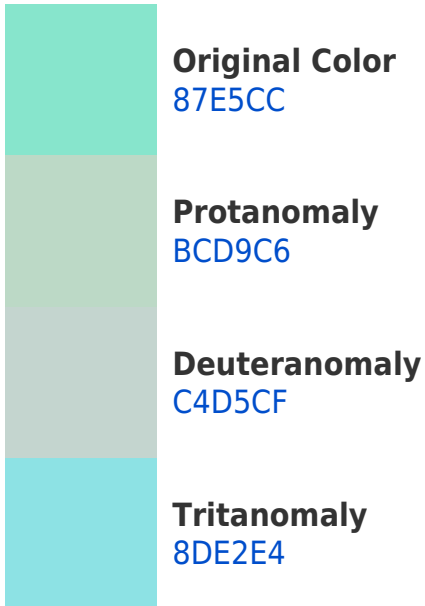
Dichromacy



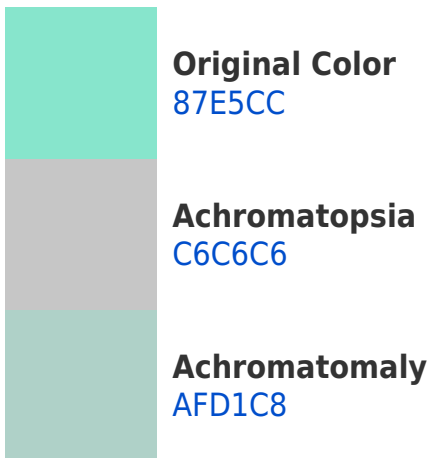


Tritanopia
91E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87E5CC 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 #87E5CC looks like.

```
.text, #text, p{  
    color:#87E5CC  
}
```

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 #87E5CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E5CC  
}
```

Border

The CSS property to change the border of an element to Hex 87E5CC 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  
#87E5CC }
```

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

```
.border{ border-color:#87E5CC }
```

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

Here you see how a box with a 4 pixel #87E5CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E5CC; -webkit-box-shadow:4px 4px  
4px 4px #87E5CC; box-shadow:4px 4px 4px  
4px #87E5CC }
```

Background

The CSS property to change the background color of an element to Hex 87E5CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E5CC }
```

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

```
.background{ background-color:#87E5CC }
```

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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