

Converting Colors

Hex(85E5CC)

Have a look what the booklet for
Hex(85E5CC) contains.

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Color

Hex(85E5CC)

Conversions

Conversions Part 1

Format	Color
Hex	85E5CC
RGB	133, 229, 204
RGB Percent	52%, 90%, 80%
CMY	0.4784, 0.1020, 0.2000
CMYK	0.42, 0.00, 0.11, 0.10
HSL	164°, 65%, 71%
HSV	164°, 42%, 90%
XYZ	48.5913, 65.3848, 67.1862
YIQ	197.4460, -49.1910, -28.1270

Conversions

Conversions Part 2

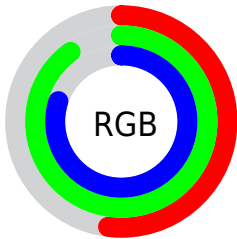
Format	Color
RYB	133, 188, 229
Decimal	8775116
CIELab	84.68, -34.17, 3.32
CIELCh	85, 34.333, 174.452
Yxy	65.3848, 0.2682, 0.3609
Android (android.graphics.Color)	4286965196 (0xFF85E5CC)
YUV	197.4460, 3.2311, -56.5191
Hunter-Lab	80.8609, -34.2415, 7.3393

Details

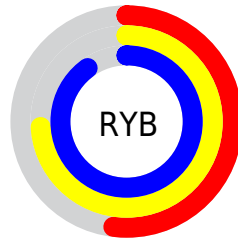
The Hex color **85E5CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E5859E**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BEFFFF**, and **4CAD96** is the 20% darker color. If you saturate the color by 10%, you get **6EE5C6**, and if you desaturate by 10%, it is **9CE5D2**.

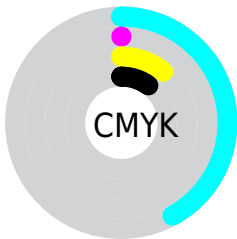
Distribution



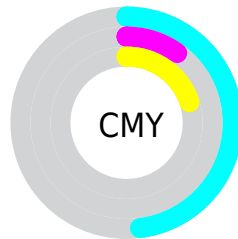
- Red (52%)
- Green (90%)
- Blue (80%)



- Red (52%)
- Yellow (74%)
- Blue (90%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (48%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85E5CC 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 85E5CC by changing the saturation by 10% instead.

 85E5CC

 85E5CC

FFFFFF

 69C9B1

 BEFFFF

 4CAD96

 DBFFFF

 2E927C

 F9FFFF

 007863

 005F4B

 004635

 002F20

 001908

 000000

 85E5CC

 85E5CC

 6EE5C6

 9CE5D2

 57E5C0

 B3E5D8

 40E5BA

 CAE5DE

 29E5B4

 E1E5E4

 13E5AE

 F8E5EA

 00E5A9

 FFE5F0

 FFE5F6

 FFE5FC

 FFE5FF

Harmonies

Analogous

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



A9E1AD



85E5CC



6EE5ED

Triad

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



85E5CC



D0CDFF



FFC4A0

Complementary

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



85E5CC



E5859E

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.



FFBDBA



85E5CC



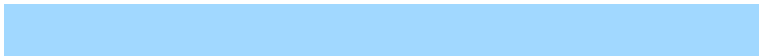
F7C2F9

Square

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



85E5CC



A1D8FF



FFBCDB



F0CF93

Rectangle

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



85E5CC



70E2FF



FFBCDB



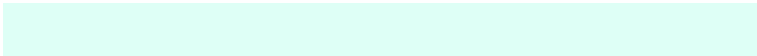
FFC1A7

Sweetspot

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



85E5CC



DEFFF6



9FE585



6B807A



000000



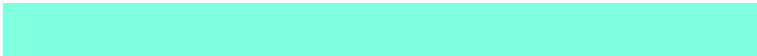
808080

Same Dimension

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



85E5CC



80FFDE



85CFE5



677370



00B384



003326

Inverse Universe

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



E5859E



FF80A1



E59B85



73676A



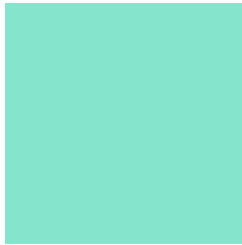
B3002E



33000D

Previews

White Background



This preview shows how the Hex color 85E5CC looks on a white background.

Color Contrast Check

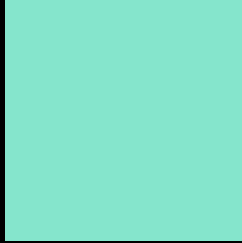
Large Text (above 18pt) WCAG AA × Fail

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 85E5CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

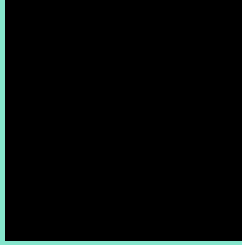
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

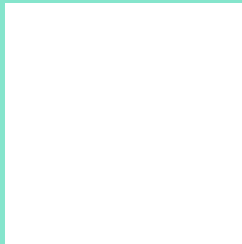
Any Text WCAG AAA ✓ Pass

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

Hex 85E5CC Background



This preview shows how black text looks on a background with the Hex color 85E5CC.

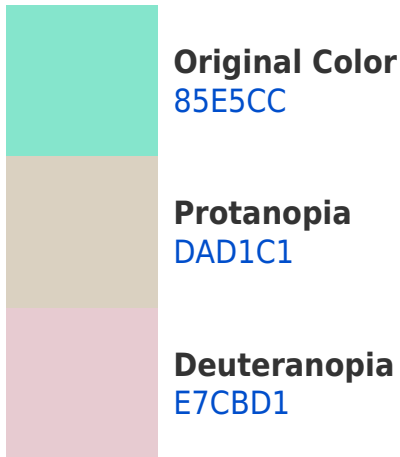


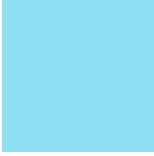
This preview shows how white text looks on a background with the Hex color 85E5CC.

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](#).

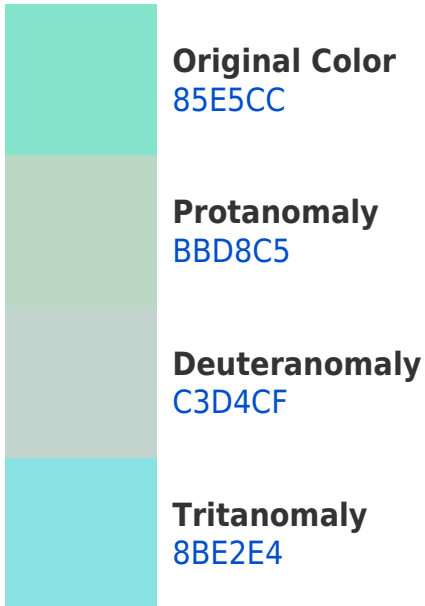
Dichromacy



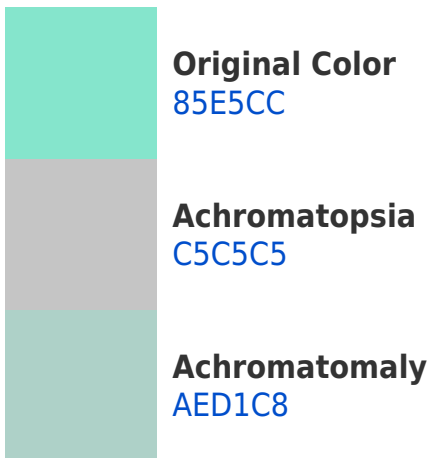


Tritanopia
8FE0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85E5CC 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 #85E5CC looks like.

```
.text, #text, p{  
    color:#85E5CC  
}
```

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 #85E5CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E5CC  
}
```

Border

The CSS property to change the border of an element to Hex 85E5CC 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  
#85E5CC }
```

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

```
.border{ border-color:#85E5CC }
```

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

Here you see how a box with a 4 pixel #85E5CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E5CC; -webkit-box-shadow:4px 4px  
4px 4px #85E5CC; box-shadow:4px 4px 4px  
4px #85E5CC }
```

Background

The CSS property to change the background color of an element to Hex 85E5CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E5CC }
```

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

```
.background{ background-color:#85E5CC }
```

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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