

Converting Colors

Hex(85E3DB)

Have a look what the booklet for
Hex(85E3DB) contains.

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Color

Hex(85E3DB)

Conversions

Conversions Part 1

Format	Color
Hex	85E3DB
RGB	133, 227, 219
RGB Percent	52%, 89%, 86%
CMY	0.4784, 0.1098, 0.1412
CMYK	0.41, 0.00, 0.04, 0.11
HSL	175°, 63%, 71%
HSV	175°, 41%, 89%
XYZ	49.9281, 65.0392, 76.9402
YIQ	197.9820, -53.4560, -22.4160

Conversions

Conversions Part 2

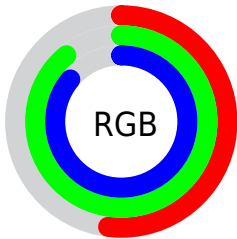
Format	Color
R _Y B	133, 182, 227
Decimal	8774619
CIE Lab	84.50, -29.77, -4.86
CIE LCh	85, 30.166, 189.266
Yxy	65.0392, 0.2602, 0.3389
Android (android.graphics.Color)	4286964699 (0xFF85E3DB)
YUV	197.9820, 10.3619, -56.9892
Hunter-Lab	80.6469, -30.6235, -0.1121

Details

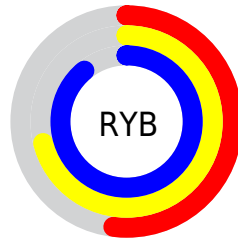
The Hex color **85E3DB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E3858D**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BEFFFF**, and **4CABA4** is the 20% darker color. If you saturate the color by 10%, you get **6EE3D9**, and if you desaturate by 10%, it is **9CE3DD**.

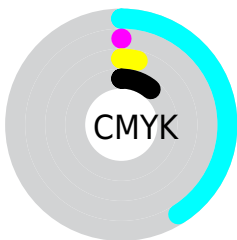
Distribution



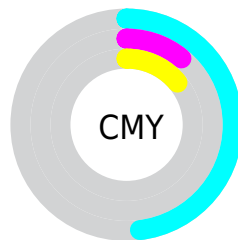
- Red (52%)
- Green (89%)
- Blue (86%)



- Red (52%)
- Yellow (71%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85E3DB 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 85E3DB by changing the saturation by 10% instead.

 85E3DB

 85E3DB

FFFFFF

 69C7BF

 BEFFFF

 4CABA4

 DCFFFF

 2C908A


 F9FFFF

 007670

 005D58

 004541

 002E2B

 001917

 000000

 85E3DB

 85E3DB

 6EE3D9

 9CE3DD

 58E3D7

 B2E3DF

 41E3D5

 C9E3E1

 2AE3D3

 E0E3E3

 13E3D1

 F7E3E5

 00E3D0

 FFE3E7

 FFE3E9

 FFE3EA

 FFE3EC

Harmonies

Analogous

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



9FE1BE



85E3DB



7FE1F6

Triad

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



85E3DB



E2C9FF



F9CA9E

Complementary

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



85E3DB



E3858D

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.



FFC2B0



85E3DB



FFC1E8

Square

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



85E3DB



BCD3FF



FFBECB



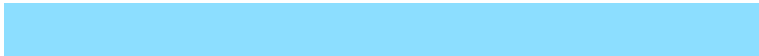
DFD49B

Rectangle

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



85E3DB



8CDEFF



FFBECB



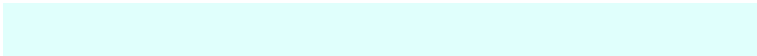
FFC7A3

Sweetspot

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



85E3DB



E0FFFC



8EE385



6E807E



000000



808080

Same Dimension

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



85E3DB



80FFF4



85BDE3



677372



00B3A3



00332F

Inverse Universe

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



E3858D



FF808A



E3AB85



736768



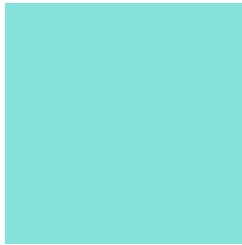
B3000F



330004

Previews

White Background



This preview shows how the Hex color 85E3DB looks on a white background.

Color Contrast Check

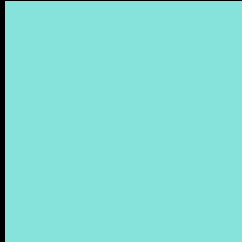
Large Text (above 18pt) WCAG AA × Fail

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 85E3DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

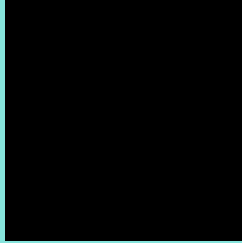
Any Text WCAG AA ✓ Pass

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 85E3DB Background



This preview shows how black text looks on a background with the Hex color 85E3DB.

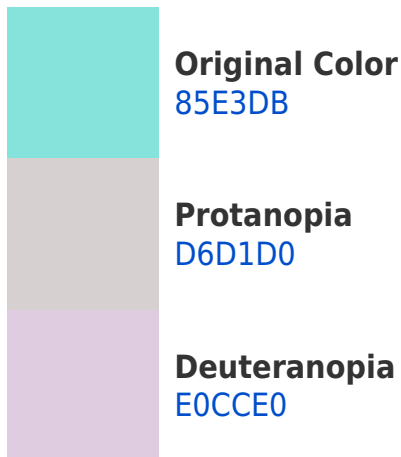


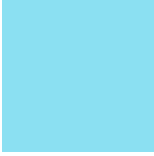
This preview shows how white text looks on a background with the Hex color 85E3DB.

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](#).

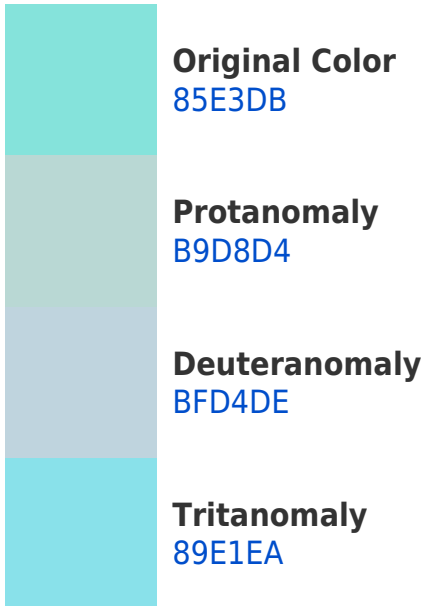
Dichromacy



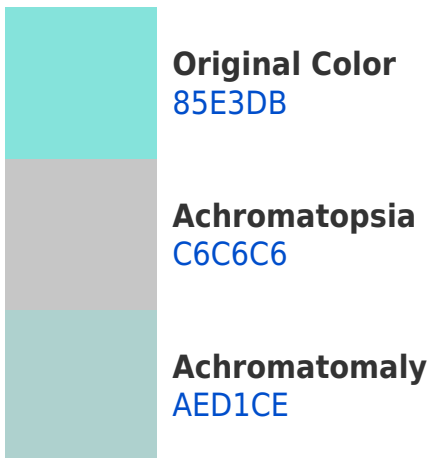


Tritanopia
8BE0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85E3DB 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 #85E3DB looks like.

```
.text, #text, p{  
  color:#85E3DB  
}
```

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 #85E3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E3DB
}
```

Border

The CSS property to change the border of an element to Hex 85E3DB 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
#85E3DB }
```

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

```
.border{ border-color:#85E3DB }
```

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

Here you see how a box with a 4 pixel #85E3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E3DB; -webkit-box-shadow:4px 4px  
4px 4px #85E3DB; box-shadow:4px 4px 4px  
4px #85E3DB }
```

Background

The CSS property to change the background color of an element to Hex 85E3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E3DB }
```

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

```
.background{ background-color:#85E3DB }
```

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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