

Converting Colors

Hex(89E4D0)

Have a look what the booklet for
Hex(89E4D0) contains.

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Color

Hex(89E4D0)

Conversions

Conversions Part 1

Format	Color
Hex	89E4D0
RGB	137, 228, 208
RGB Percent	54%, 89%, 82%
CMY	0.4627, 0.1059, 0.1843
CMYK	0.40, 0.00, 0.09, 0.11
HSL	167°, 63%, 72%
HSV	167°, 40%, 89%
XYZ	49.4451, 65.3592, 69.6841
YIQ	198.5110, -47.8160, -25.5120

Conversions

Conversions Part 2

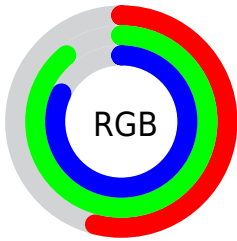
Format	Color
RYB	137, 188, 228
Decimal	9037008
CIELab	84.67, -31.79, 1.21
CIELCh	85, 31.811, 177.816
Yxy	65.3592, 0.2680, 0.3543
Android (android.graphics.Color)	4287227088 (0xFF89E4D0)
YUV	198.5110, 4.6781, -53.9451
Hunter-Lab	80.8451, -32.3077, 5.4868

Details

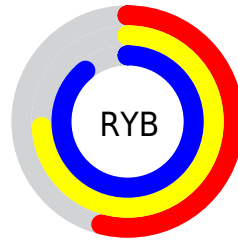
The Hex color **89E4D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E4899D**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C2FFFF**, and **51AC9A** is the 20% darker color. If you saturate the color by 10%, you get **72E4CB**, and if you desaturate by 10%, it is **A0E4D5**.

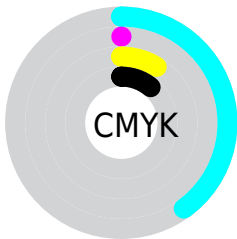
Distribution



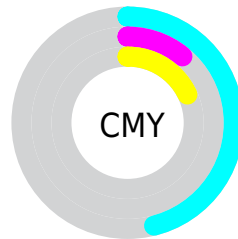
- Red (54%)
- Green (89%)
- Blue (82%)



- Red (54%)
- Yellow (74%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E4D0 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 89E4D0 by changing the saturation by 10% instead.

 89E4D0

 89E4D0

FFFFFF

 6DC8B4

 C2FFFF

 51AC9A

 DFFFFF

 339180

FDFFFF

 0C7767

 005E4F

 004638

 002F23

 00190D

 000000

 89E4D0

 89E4D0

 72E4CB

 A0E4D5

 5BE4C6

 B7E4DA

 45E4C1

 CDE4DF

 2EE4BC

 E4E4E4

 17E4B7

 FBE4E9

 00E4B2

 FFE4EE

 FFE4F3

 FFE4F8

 FFE4FD

Harmonies

Analogous

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



A9E1B2



89E4D0



78E3EE

Triad

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



89E4D0



D5CCFF



FFC7A2

Complementary

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



89E4D0



E4899D

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.



FFBFB9



89E4D0



F8C3F4

Square

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



89E4D0



AAD7FF



FFBED7



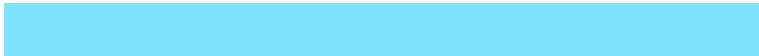
EBD197

Rectangle

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



89E4D0



7DE1FF



FFBED7



FFC4A8

Sweetspot

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



89E4D0



E0FFF8



9EE489



6E807C



000000



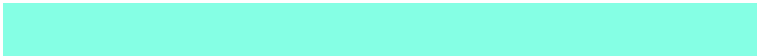
808080

Same Dimension

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



89E4D0



85FFE4



89CCE4



677370



00B38B



003328

Inverse Universe

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



E4899D



FF85A0



E4A189



73676A



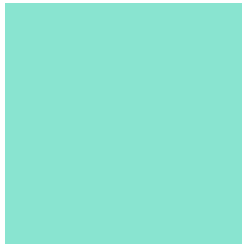
B30027



33000B

Previews

White Background



This preview shows how the Hex color 89E4D0 looks on a white background.

Color Contrast Check

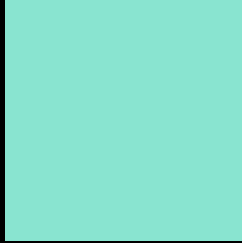
Large Text (above 18pt) WCAG AA × Fail

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 89E4D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

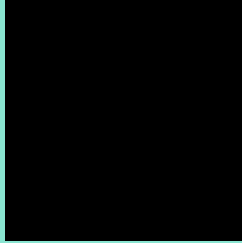
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

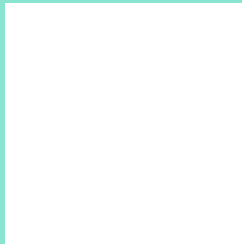
Any Text WCAG AAA ✓ Pass

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

Hex 89E4D0 Background



This preview shows how black text looks on a background with the Hex color 89E4D0.

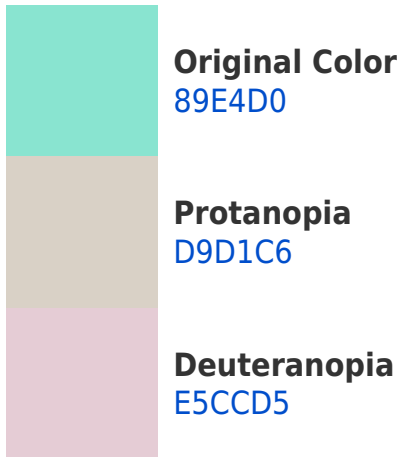


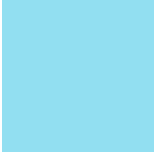
This preview shows how white text looks on a background with the Hex color 89E4D0.

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](#).

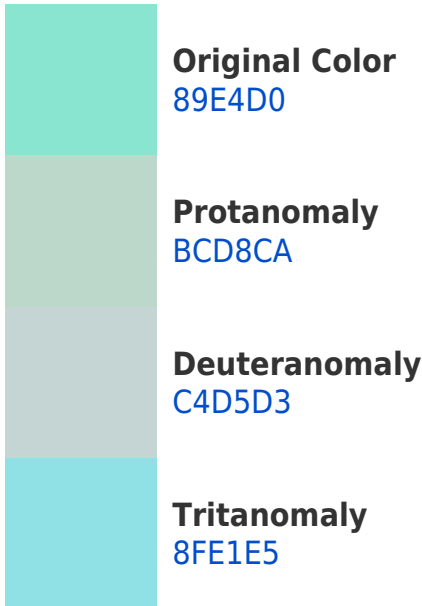
Dichromacy



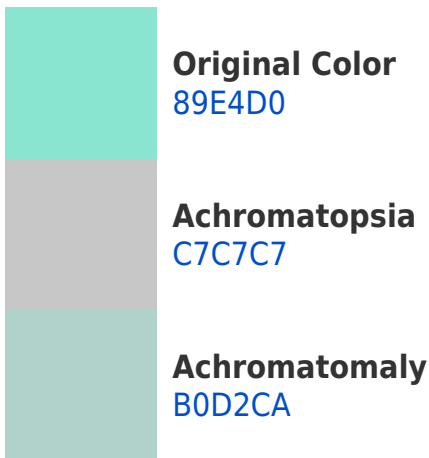


Tritanopia
92DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89E4D0 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 #89E4D0 looks like.

```
.text, #text, p{  
    color:#89E4D0  
}
```

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 #89E4D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E4D0
}
```

Border

The CSS property to change the border of an element to Hex 89E4D0 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
#89E4D0 }
```

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

```
.border{ border-color:#89E4D0 }
```

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

Here you see how a box with a 4 pixel #89E4D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E4D0; -webkit-box-shadow:4px 4px  
4px 4px #89E4D0; box-shadow:4px 4px 4px  
4px #89E4D0 }
```

Background

The CSS property to change the background color of an element to Hex 89E4D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E4D0 }
```

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

```
.background{ background-color:#89E4D0 }
```

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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