

Converting Colors

Hex(1FE0C7)

Have a look what the booklet for
Hex(1FE0C7) contains.

Hex(1FE0C7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1FE0C7)

Conversions

Conversions Part 1

Format	Color
Hex	1FE0C7
RGB	31, 224, 199
RGB Percent	12%, 88%, 78%
CMY	0.8784, 0.1216, 0.2196
CMYK	0.86, 0.00, 0.11, 0.12
HSL	172°, 76%, 50%
HSV	172°, 86%, 88%
XYZ	37.5295, 57.7261, 63.1971
YIQ	163.4430, -107.0030, -48.6910

Conversions

Conversions Part 2

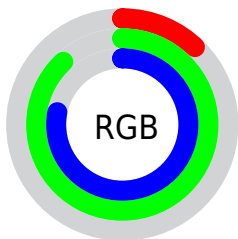
Format	Color
R_{YB}	31, 134, 224
Decimal	2089159
CIE _{Lab}	80.59, -49.50, -0.30
CIE _{LCh}	81, 49.505, 180.350
Yxy	57.7261, 0.2368, 0.3643
Android (android.graphics.Color)	4280279239 (0xFF1FE0C7)
YUV	163.4430, 17.5296, -116.1525
Hunter-Lab	75.9777, -44.7901, 3.8679

Details

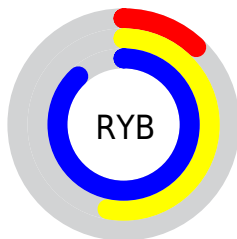
The Hex color **1FE0C7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E01F38**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **75FFFF**, and **00A891** is the 20% darker color. If you saturate the color by 10%, you get **09E0C4**, and if you desaturate by 10%, it is **35E0CA**.

Distribution



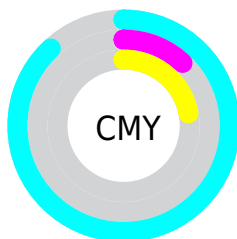
- Red (12%)
- Green (88%)
- Blue (78%)



- Red (12%)
- Yellow (53%)
- Blue (88%)



- Cyan (86%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (88%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FE0C7 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 1FE0C7 by changing the saturation by 10% instead.

 1FE0C7

FFFFFF

 75FFFF

 96FFFF

 B5FFFF

 D5FFFF

 F4FFFF

 1FE0C7

 00C4AC

 00A891

 008D78

 00725F

 005947

 004031

 002A1C

 000403

 000000

 1FE0C7

 1FE0C7

 09E0C4

 35E0CA

 00E0C3

 4CE0CD

 62E0D0

 79E0D3

 8FE0D6

 A5E0D8

 BCE0DB

 D2E0DE

 E9E0E1

Harmonies

Analogous

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



7CDC99



1FE0C7



00DFF5

Triad

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



1FE0C7



CDBCFF



FFB579

Complementary

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



1FE0C7



E01F38

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.



FFA79C



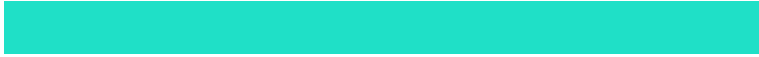
1FE0C7



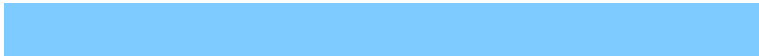
FFABF7

Square

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



1FE0C7



7ECCFF



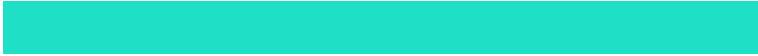
FFA3C9



E4C56A

Rectangle

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



1FE0C7



00DBFF



FFA3C9



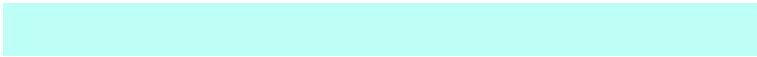
FFB082

Sweetspot

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



1FE0C7



BDFFF6



39E01F



58807A



000000



808080

Same Dimension

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



1FE0C7



00FFDE



1F99E0



65706F



00B099



00302A

Inverse Universe

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



E01F38



FF0021



E0661F



706566



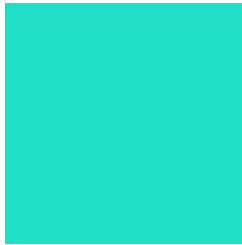
B00017



300006

Previews

White Background



This preview shows how the Hex color 1FE0C7 looks on a white background.

Color Contrast Check

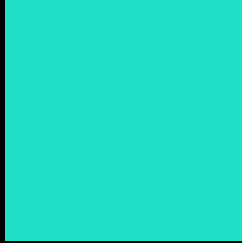
Large Text (above 18pt) WCAG AA × Fail

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 1FE0C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

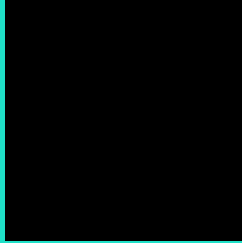
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

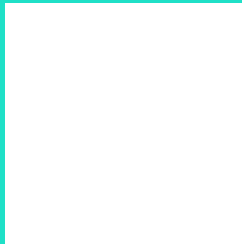
Any Text WCAG AAA ✓ Pass

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

Hex 1FE0C7 Background



This preview shows how black text looks on a background with the Hex color 1FE0C7.



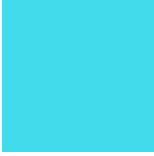
This preview shows how white text looks on a background with the Hex color 1FE0C7.

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](#).

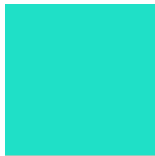
Dichromacy



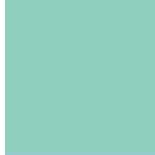


Tritanopia
41DBEC

Trichromacy



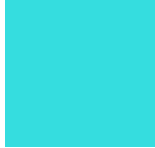
Original Color
1FE0C7



Protanomaly
8ECFBD

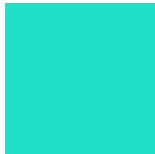


Deuteranomaly
93CCCB

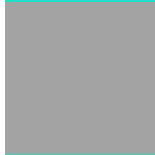


Tritanomaly
35DDDF

Monochromacy



Original Color
1FE0C7



Achromatopsia
A3A3A3



Achromatomaly
73B9B0

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FE0C7 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 #1FE0C7 looks like.

```
.text, #text, p{  
    color:#1FE0C7  
}
```

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 #1FE0C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FE0C7
}
```

Border

The CSS property to change the border of an element to Hex 1FE0C7 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
#1FE0C7 }
```

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

```
.border{ border-color:#1FE0C7 }
```

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

Here you see how a box with a 4 pixel #1FE0C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FE0C7; -webkit-box-shadow:4px 4px  
4px 4px #1FE0C7; box-shadow:4px 4px 4px  
4px #1FE0C7 }
```

Background

The CSS property to change the background color of an element to Hex 1FE0C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FE0C7 }
```

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

```
.background{ background-color:#1FE0C7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor