

Converting Colors

Hex(1ECFDE)

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

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Color

Hex(1ECFDE)

Conversions

Conversions Part 1

Format	Color
Hex	1ECFDE
RGB	30, 207, 222
RGB Percent	12%, 81%, 87%
CMY	0.8824, 0.1882, 0.1294
CMYK	0.86, 0.07, 0.00, 0.13
HSL	185°, 76%, 49%
HSV	185°, 86%, 87%
XYZ	36.0331, 50.1756, 76.8930
YIQ	155.7870, -110.3070, -32.8590

Conversions

Conversions Part 2

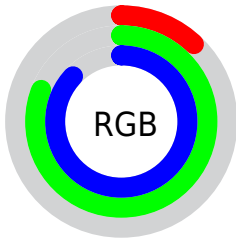
Format	Color
R _Y B	30, 122, 222
Decimal	2019294
CIE Lab	76.18, -35.44, -19.18
CIE LCh	76, 40.296, 208.419
Yxy	50.1756, 0.2209, 0.3076
Android (android.graphics.Color)	4280209374 (0xFF1ECFDE)
YUV	155.7870, 32.6430, -110.3152
Hunter-Lab	70.8347, -33.1593, -14.7765

Details

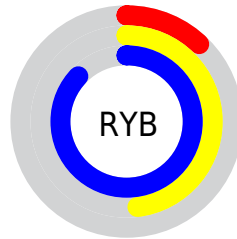
The Hex color **1ECFDE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **DE2D1E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **74FFFF**, and **0098A7** is the 20% darker color. If you saturate the color by 10%, you get **08CDDE**, and if you desaturate by 10%, it is **34D1DE**.

Distribution



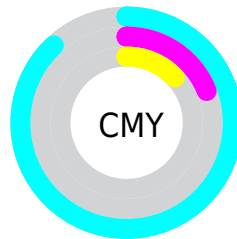
- Red (12%)
- Green (81%)
- Blue (87%)



- Red (12%)
- Yellow (48%)
- Blue (87%)



- Cyan (86%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (88%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 1ECFDE

 1ECFDE

FFFFFF

 00B3C2

 74FFFF

 0098A7

 95FFFF

 007E8C

 B5FFFF

 006473

 D4FFFF

 004C5A

 F4FFFF

 003443

 001F2D

 000118

 000000

■ 1ECFDE

■ 1ECFDE

■ 08CDDE

■ 34D1DE

■ 00CDDE

■ 4AD2DE

■ 61D4DE

■ 77D6DE

■ 8DD8DE

■ A3D9DE

■ B9DBDE

■ D0DDDE

■ E6DFDE

Harmonies

Analogous

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



52D0B9



1ECFDE



40CAFA

Triad

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



1ECFDE



E9A6E3



D6B971

Complementary

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



1ECFDE



DE2D1E

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.



F4AC7E



1ECFDE



FF9FBF

Square

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



1ECFDE



BDB3FD



FFA29A



B0C479

Rectangle

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



1ECFDE



6DC4FF



FFA29A



E1B573

Sweetspot

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



1ECFDE



BDFAFF



1EDE2B



587C80



000000



808080

Same Dimension

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



1ECFDE



00EBFF



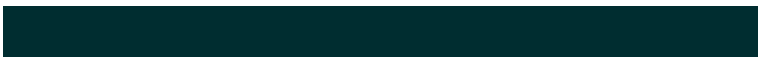
1E71DE



656F70



00A2B0



002D30

Inverse Universe

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



DE1ECF



FF00EB



DE8B1E



70656F



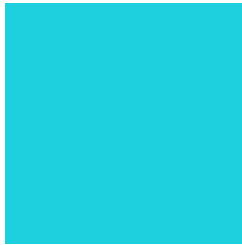
B000A2



30002D

Previews

White Background



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

Color Contrast Check

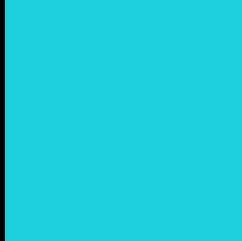
Large Text (above 18pt) WCAG AA × Fail

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 1ECFDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

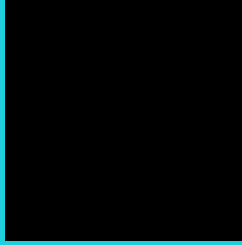
Any Text WCAG AA ✓ Pass

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 1ECFDE Background



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

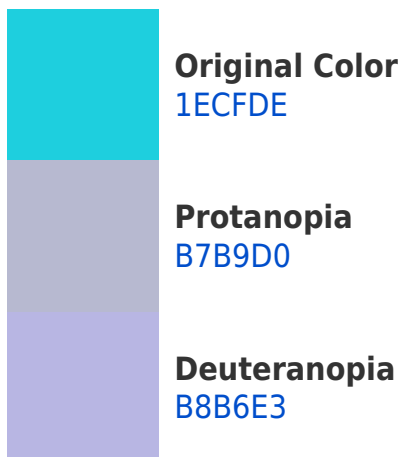


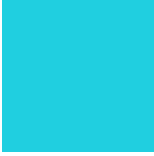
This preview shows how white text looks on a background with the Hex color 1ECFDE.

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

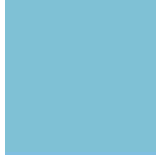




Trichromacy



Original Color
1ECFDE



Protanomaly
7FC1D5



Deuteranomaly
80BFE1

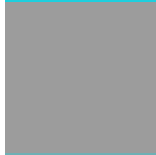


Tritanomaly
1FCFDF

Monochromacy



Original Color
1ECFDE



Achromatopsia
9C9C9C



Achromatomaly
6EAFB4

CSS Examples

Text

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

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

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 #1ECFDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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