

# Converting Colors

Hex(1FCDEB)

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

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# **Color**

**Hex(1FCDEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FCDEB
RGB	31, 205, 235
RGB Percent	12%, 80%, 92%
CMY	0.8784, 0.1961, 0.0784
CMYK	0.87, 0.13, 0.00, 0.08
HSL	189°, 84%, 52%
HSV	189°, 87%, 92%
XYZ	37.3918, 49.9521, 86.2682
YIQ	156.3940, -113.3340, -27.5580

# Conversions

## Conversions Part 2

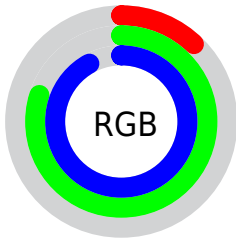
Format	Color
<a href="#">RYB</a>	<a href="#">31, 125, 235</a>
Decimal	<a href="#">2084331</a>
CIELab	<a href="#">76.04, -30.36, -26.38</a>
CIELCh	<a href="#">76, 40.215, 220.987</a>
Yxy	<a href="#">49.9521, 0.2154, 0.2877</a>
Android (android.graphics.Color)	<a href="#">4280274411 (0xFF1FCDEB)</a>
YUV	<a href="#">156.3940, 38.7528, -109.9705</a>
Hunter-Lab	<a href="#">70.6768, -29.2484, -22.8957</a>

# Details

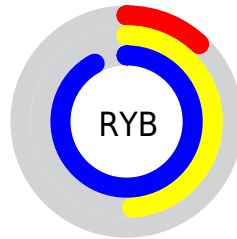
The Hex color **1FCDEB** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EB3D1F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **76FFFF**, and **0096B3** is the 20% darker color. If you saturate the color by 10%, you get **07CAEB**, and if you desaturate by 10%, it is **36D0EB**.

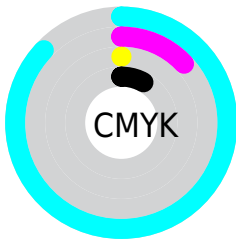
# Distribution



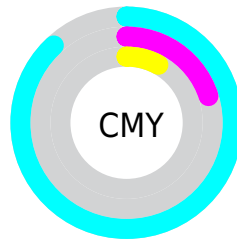
- Red (12%)
- Green (80%)
- Blue (92%)



- Red (12%)
- Yellow (49%)
- Blue (92%)



- Cyan (87%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (88%)
- Magenta (20%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 1FCDEB

 1FCDEB

FFFFFF

 00B1CF

 76FFFF

 0096B3

 97FFFF

 007C98

 B7FFFF

 00637E

 D7FFFF

 004B65

 F6FFFF

 00334D

 001F36

 000221

 000006

■ 1FCDEB

■ 1FCDEB

■ 07CAEB

■ 36D0EB

■ 00C8EB

■ 4ED4EB

■ 66D7EB

■ 7DDBEB

■ 94DEEB

■ ACE2EB

■ C3E5EB

■ DBE9EB

■ F3ECEB

# Harmonies

## Analogous

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



3BCFC8



1FCDEB



5CC6FF

# Triad

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



1FCDEB



F5A2D5



C7BE72

# Complementary

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



1FCDEB



EB3D1F

# 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.



E8B176



1FCDEB



FF9FAF

# Square

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



1FCDEB



D1ADF4



FEA58D



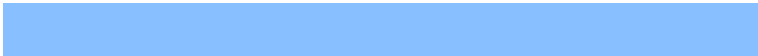
9EC882

# Rectangle

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



1FCDEB



88BFFF



FEA58D



D3BA71

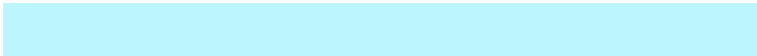


# Sweetspot

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



1FCDEB



BDF5FF



1FEB3A



587A80



000000



808080



# Same Dimension

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



1FCDEB



00D9FF



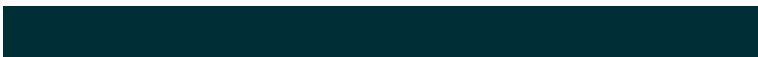
1F6AEB



6A7475



009AB5



002E36



# Inverse Universe

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



EB1FCD



FF00DA



EBA01F



756A74



B5009A

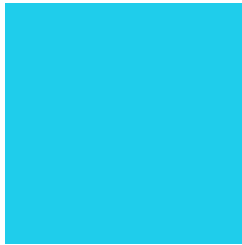


36002E



# Previews

## White Background



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

## Color Contrast Check

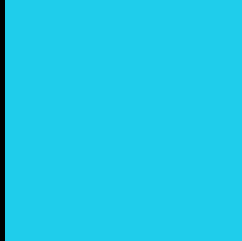
Large Text (above 18pt) WCAG AA × Fail

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 1FCDEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

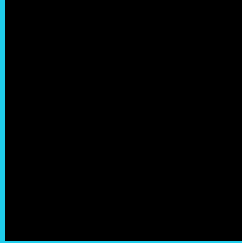
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1FCDEB Background



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

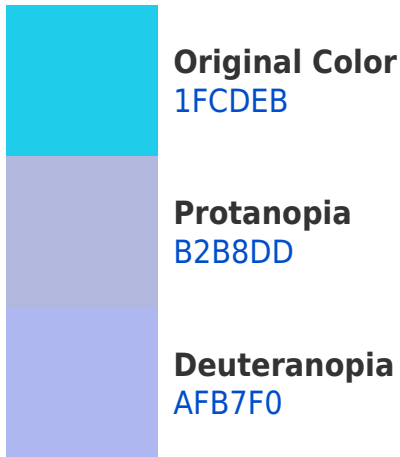


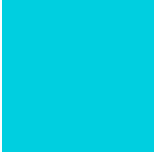
This preview shows how white text looks on a background with the Hex color 1FCDEB.

# 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





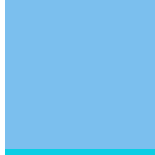
# Trichromacy



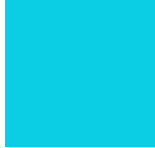
**Original Color**  
1FCDEB



**Protanomaly**  
7DC0E2



**Deuteranomaly**  
7BBFEE



**Tritanomaly**  
0BCEE4

# Monochromacy



**Original Color**  
1FCDEB



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
6FAEB9

# CSS Examples

## Text

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

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

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 #1FCDEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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