

Converting Colors

CIELCh(88, 60.154, 172.279)

Have a look what the booklet for
CIELCh(88, 60.154, 172.279)
contains.

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Color

CIELCh(88, 60.148, 172.061)

Conversions

Conversions Part 1

Format	Color
Hex	00F9CB
RGB	0, 249, 203
RGB Percent	0%, 98%, 80%
CMY	0.9997, 0.0235, 0.2039
CMYK	1.00, 0.00, 0.18, 0.02
HSL	169°, 100%, 49%
HSV	169°, 100%, 98%
XYZ	44.6567, 72.0653, 68.0581
YIQ	169.3050, -133.6380, -67.0940

Conversions

Conversions Part 2

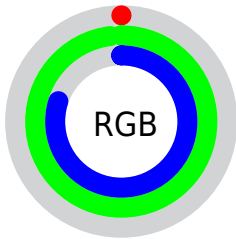
Format	Color
RYB	0, 137, 249
Decimal	63947
CIELab	88.00, -59.57, 8.31
CIELCh	88, 60.148, 172.061
Yxy	72.0653, 0.2417, 0.3900
Android (android.graphics.Color)	4278254027 (0xFF00F9CB)
YUV	169.3050, 16.6116, -148.4805
Hunter-Lab	84.8913, -54.6605, 11.8906

Details

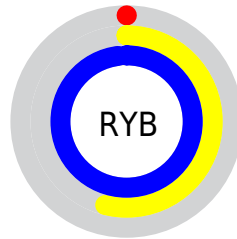
The CIELCh color **88, 60.148, 172.061** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **52, 93.105, 31.624**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 39.445, 197.005**, and **69, 51.349, 168.830** is the 20% darker color. If you saturate the color by 10%, you get **88, 60.153, 172.055**, and if you desaturate by 10%, it is **88, 58.039, 173.841**.

Distribution



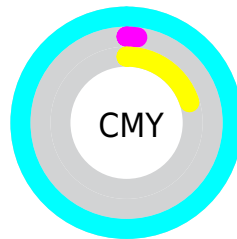
- Red (0%)
- Green (98%)
- Blue (80%)



- Red (0%)
- Yellow (54%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)





- Cyan (100%)
- Magenta (2%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 60.148, 172.061 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 CIELCh color 88, 60.148, 172.061 by changing the saturation by 10% instead.


 88, 60.148,
172.061


 88, 60.148,
172.061


 100, 60.148,
172.061


 78, 60.148,
172.061

 68, 60.148,
172.061

 58, 60.148,
172.061

 48, 60.148,
172.061

 38, 60.148,
172.061

 28, 60.148,
172.061

 18, 60.148,

172.061

■ 8, 60.148, 172.061

■ 0, 60.148, 172.061

■ 88, 60.148,
172.061

■ 88, 60.148,
172.061

■ 88, 60.153,
172.055

■ 88, 58.039,
173.841

■ 89, 55.118,
175.479

■ 89, 51.188,
176.954

■ 90, 46.217,
178.287

■ 91, 40.252,

179.500

■ 92, 33.395,
180.616

■ 93, 25.786,
181.657

■ 94, 17.580,
182.643

■ 96, 8.928, 183.601

Harmonies

Complementary

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



88, 60.148, 172.061



52, 93.105, 31.624

Rectangle

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



88, 60.148, 172.061



88, 60.148, 222.061



88, 60.148, 352.061



88, 60.148, 42.061

Sweetspot

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



88, 60.148, 172.060



95, 26.307, 181.651



86, 115.749, 134.821



50, 17.741, 181.219



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 60.148, 172.060



90, 61.266, 172.031



67, 48.516, 257.134



51, 5.106, 183.647



68, 48.646, 172.385



22, 21.375, 174.902

Inverse Universe

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



52, 93.105, 31.624



53, 94.881, 31.709



57, 93.481, 46.822



49, 5.312, 5.239



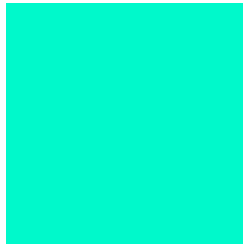
39, 74.912, 30.659



9, 31.066, 18.491

Previews

White Background



This preview shows how the CIE LCh color 88, 60.148, 172.061 looks on a white background.

Color Contrast Check

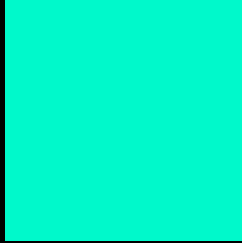
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 60.148, 172.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

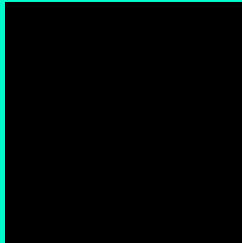
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 60.148, 172.061

Background



This preview shows how black text looks on a background with the CIELCh color 88, 60.148, 172.061.

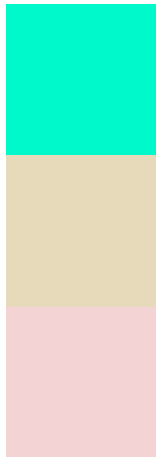


This preview shows how white text looks on a background with the CIELCh color 88, 60.148, 172.061.

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



Original Color

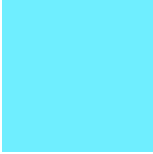
88, 60.148, 172.061

Protanopia

87, 16.770, 92.917

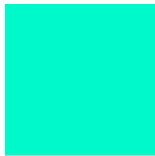
Deuteranopia

87, 11.874, 20.238

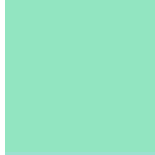


Tritanopia
88, 35.882, 211.765

Trichromacy



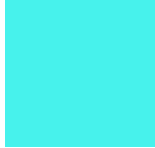
Original Color
88, 60.148, 172.061



Protanomaly
85, 34.430, 163.750



Deuteranomaly
85, 25.494, 177.018

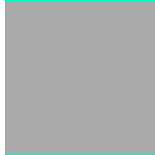


Tritanomaly
87, 44.651, 192.494

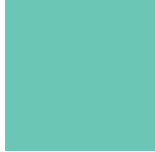
Monochromacy



Original Color
88, 60.148, 172.061



Achromatopsia
69, 0.009, 296.813



Achromatomaly
74, 31.088, 179.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 60.148, 172.061 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 `rgb(0, 249, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 203)  
}
```

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 rgb(0, 249, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 60.148, 172.061 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 rgb(0, 249, 203) }
```

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

```
.border{ border-color:rgb(0, 249, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 249, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 249,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 60.148, 172.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 203) }
```

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

```
.background{ background-color: rgb(0, 249,  
203) }
```

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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