

Converting Colors

CIELCh(89, 53.077, 185.200)

Have a look what the booklet for
CIELCh(89, 53.077, 185.200)
contains.

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Color

CIELCh(89, 52.909, 185.228)

Conversions

Conversions Part 1

Format	Color
Hex	00FAE7
RGB	0, 250, 231
RGB Percent	0%, 98%, 91%
CMY	0.9989, 0.0195, 0.0940
CMYK	1.00, 0.00, 0.08, 0.02
HSL	175°, 100%, 49%
HSV	175°, 100%, 98%
XYZ	48.6266, 74.1641, 87.3769
YIQ	173.0840, -142.9010, -58.9090

Conversions

Conversions Part 2

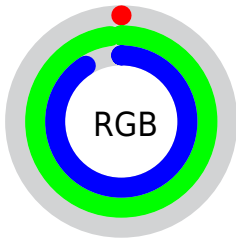
Format	Color
RYB	0, 130, 250
Decimal	64231
CIELab	89.00, -52.69, -4.82
CIELCh	89, 52.909, 185.228
Yxy	74.1641, 0.2314, 0.3529
Android (android.graphics.Color)	4278254311 (0xFF00FAE7)
YUV	173.0840, 28.5526, -151.7947
Hunter-Lab	86.1186, -49.9181, 0.1267

Details

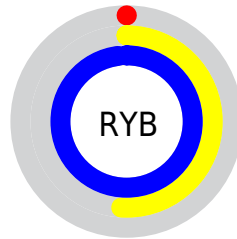
The CIELCh color **89, 52.909, 185.228** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **52, 99.869, 37.669**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.875, 197.039**, and **70, 43.670, 184.411** is the 20% darker color. If you saturate the color by 10%, you get **89, 52.919, 185.217**, and if you desaturate by 10%, it is **89, 51.792, 186.185**.

Distribution



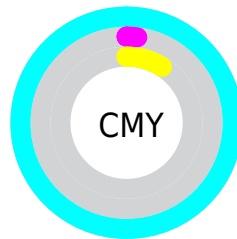
- Red (0%)
- Green (98%)
- Blue (91%)



- Red (0%)
- Yellow (51%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)




- Cyan (100%)
- Magenta (2%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 52.909, 185.228 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 89, 52.909, 185.228 by changing the saturation by 10% instead.


 89, 52.909,
185.228


 89, 52.909,
185.228


 100, 52.909,
185.228


 79, 52.909,
185.228

 69, 52.909,
185.228

 59, 52.909,
185.228

 49, 52.909,
185.228

 39, 52.909,
185.228

 29, 52.909,
185.228

 19, 52.909,

185.228

■ 9, 52.909, 185.228

■ 0, 52.909, 185.228

■ 89, 52.909,
185.228

■ 89, 52.909,
185.228

■ 89, 52.919,
185.217

■ 89, 51.792,
186.185

■ 89, 49.834,
187.078

■ 90, 46.834,
187.910

■ 90, 42.744,
188.699

■ 91, 37.594,

189.459

■ 92, 31.468,
190.203

■ 93, 24.491,
190.943

■ 95, 16.806,
191.685

■ 97, 8.562, 192.452

Harmonies

Complementary

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



89, 52.909, 185.228



52, 99.869, 37.669

Rectangle

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



89, 52.909, 185.228



89, 52.909, 235.228



89, 52.909, 5.228



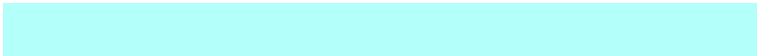
89, 52.909, 55.228

Sweetspot

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



89, 52.909, 185.227



95, 24.961, 190.932



86, 117.533, 135.740



50, 16.774, 190.621



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 52.909, 185.227



91, 53.718, 185.206



59, 60.953, 275.544



51, 4.922, 192.485



69, 42.773, 185.393



22, 19.161, 186.696

Inverse Universe

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



52, 99.869, 37.669



53, 101.479, 37.737



62, 87.841, 53.543



49, 5.184, 13.795



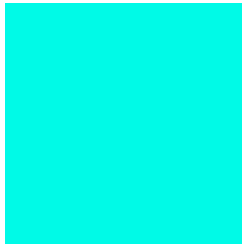
39, 80.225, 37.043



9, 31.667, 23.070

Previews

White Background



This preview shows how the CIE LCh color 89, 52.909, 185.228 looks on a white background.

Color Contrast Check

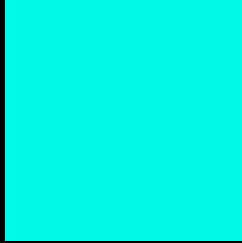
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 89, 52.909, 185.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

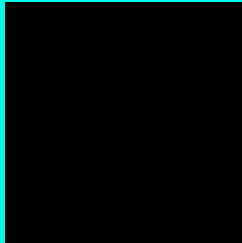
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 52.909, 185.228

Background



This preview shows how black text looks on a background with the CIELCh color 89, 52.909, 185.228.

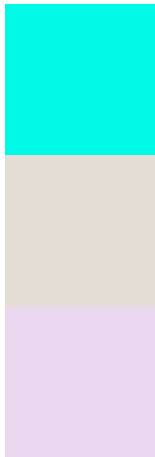


This preview shows how white text looks on a background with the CIELCh color 89, 52.909, 185.228.

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
89, 52.909, 185.228

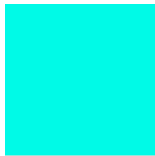
Protanopia
88, 4.227, 78.665

Deuteranopia
88, 14.443, 320.240

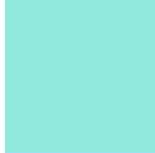


Tritanopia
89, 33.167, 212.165

Trichromacy



Original Color
89, 52.909, 185.228



Protanomaly
86, 29.009, 184.854

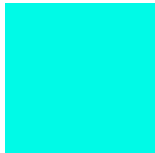


Deuteranomaly
86, 24.755, 207.674

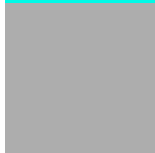


Tritanomaly
88, 42.460, 198.893

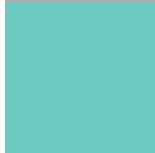
Monochromacy



Original Color
89, 52.909, 185.228



Achromatopsia
71, 0.009, 296.813



Achromatomaly
75, 29.305, 189.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 52.909, 185.228 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, 250, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 231)  
}
```

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, 250, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 52.909, 185.228 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, 250, 231) }
```

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

```
.border{ border-color:rgb(0, 250, 231) }
```

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

Here you see how a box with a 4 pixel rgb(0, 250, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 250,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 52.909, 185.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 231) }
```

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

```
.background{ background-color: rgb(0, 250,  
231) }
```

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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