

Converting Colors

CIELCh(84, 58.972, 170.587)

Have a look what the booklet for
CIELCh(84, 58.972, 170.587)
contains.

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Color

CIELCh(84, 59.252, 170.269)

Conversions

Conversions Part 1

Format	Color
Hex	00EDBD
RGB	0, 237, 189
RGB Percent	0%, 93%, 74%
CMY	1.0000, 0.0716, 0.2598
CMYK	1.00, 0.00, 0.20, 0.07
HSL	168°, 100%, 46%
HSV	168°, 100%, 93%
XYZ	39.3441, 64.0658, 58.2934
YIQ	160.6650, -125.8440, -65.1720

Conversions

Conversions Part 2

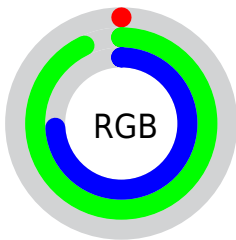
Format	Color
RYB	0, 132, 237
Decimal	60861
CIELab	84.00, -58.40, 10.01
CIELCh	84, 59.252, 170.269
Yxy	64.0658, 0.2433, 0.3962
Android (android.graphics.Color)	4278250941 (0xFF00EDBD)
YUV	160.6650, 13.9692, -140.9032
Hunter-Lab	80.0411, -52.3305, 12.8483

Details

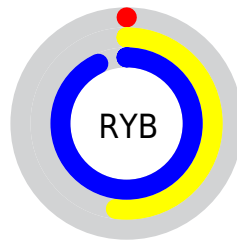
The CIELCh color **84, 59.252, 170.269** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **50, 88.419, 30.183**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 41.395, 189.610**, and **65, 50.642, 166.621** is the 20% darker color. If you saturate the color by 10%, you get **84, 59.214, 170.254**, and if you desaturate by 10%, it is **84, 56.986, 172.110**.

Distribution



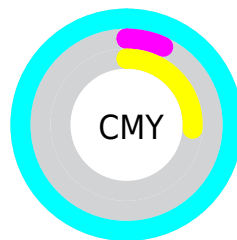
- Red (0%)
- Green (93%)
- Blue (74%)



- Red (0%)
- Yellow (52%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 59.252, 170.269 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 84, 59.252, 170.269 by changing the saturation by 10% instead.

 84, 59.252,
170.269

 84, 59.252,
170.269


 100, 59.252,
170.269


 74, 59.252,
170.269

 64, 59.252,
170.269

 54, 59.252,
170.269

 44, 59.252,
170.269

 34, 59.252,
170.269

 24, 59.252,
170.269

 14, 59.252,

170.269

■ 4, 59.252, 170.269

■ 0, 59.252, 170.269

■ 84, 59.252,
170.269

■ 84, 59.252,
170.269

■ 84, 59.214,
170.254

■ 84, 56.986,
172.110

■ 85, 53.988,
173.821

■ 85, 50.029,
175.362

■ 86, 45.082,
176.749

■ 87, 39.194,

178.008

■ 88, 32.468,
179.161

■ 89, 25.038,
180.232

■ 90, 17.054,
181.239

■ 92, 8.662, 182.213

Harmonies

Complementary

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



84, 59.252, 170.269



50, 88.419, 30.183

Rectangle

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



84, 59.252, 170.269



84, 59.252, 220.269



84, 59.252, 350.269



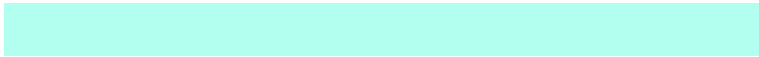
84, 59.252, 40.269

Sweetspot

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



84, 59.214, 170.254



95, 26.586, 180.219



82, 111.092, 134.601



50, 17.940, 179.774



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 59.214, 170.254



90, 62.706, 170.171



66, 45.432, 253.803



48, 4.888, 182.267



66, 48.222, 170.603



19, 19.891, 173.690

Inverse Universe

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



50, 88.419, 30.183



53, 93.737, 30.420



54, 90.694, 46.155



46, 5.074, 3.872



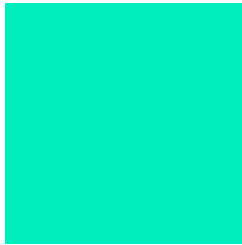
38, 71.681, 29.162



7, 27.902, 14.325

Previews

White Background



This preview shows how the CIE LCh color 84, 59.252, 170.269 looks on a white background.

Color Contrast Check

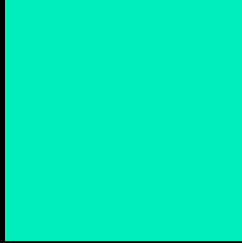
Large Text (above 18pt) WCAG AA × Fail

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 84, 59.252, 170.269 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

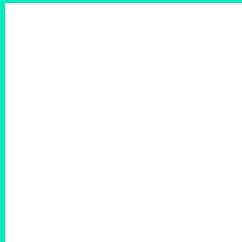
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 59.252, 170.269

Background



This preview shows how black text looks on a background with the CIELCh color 84, 59.252, 170.269.

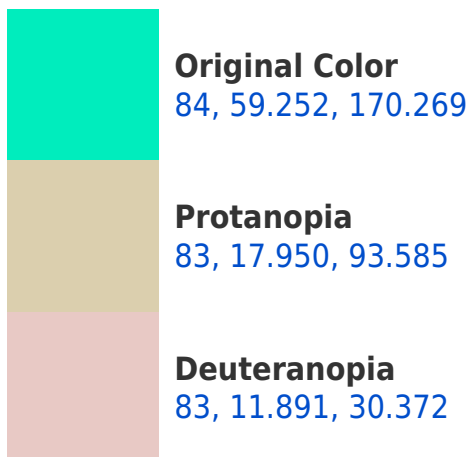


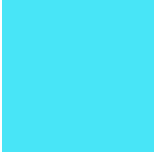
This preview shows how white text looks on a background with the CIELCh color 84, 59.252, 170.269.

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
84, 40.113, 210.808

Trichromacy



Original Color
84, 59.252, 170.269



Protanomaly
81, 34.722, 160.476



Deuteranomaly
81, 25.308, 172.695

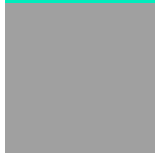


Tritanomaly
84, 45.525, 192.393

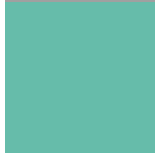
Monochromacy



Original Color
84, 59.252, 170.269



Achromatopsia
66, 0.008, 296.813



Achromatomaly
71, 30.420, 178.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 59.252, 170.269 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, 237, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 189)  
}
```

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, 237, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 237, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 59.252, 170.269 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, 237, 189) }
```

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

```
.border{ border-color:rgb(0, 237, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 237, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 237, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 237, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 237,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 59.252, 170.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 237, 189) }
```

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

```
.background{ background-color: rgb(0, 237,  
189) }
```

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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