

Converting Colors

CIELCh(86, 59.441, 171.330)

Have a look what the booklet for
CIELCh(86, 59.441, 171.330)
contains.

CIELCh(86, 59.626, 171.151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 59.626, 171.151)

Conversions

Conversions Part 1

Format	Color
Hex	02F3C4
RGB	2, 243, 196
RGB Percent	1%, 95%, 77%
CMY	0.9924, 0.0477, 0.2320
CMYK	0.99, 0.00, 0.19, 0.05
HSL	168°, 98%, 48%
HSV	168°, 99%, 95%
XYZ	41.9672, 67.9871, 63.0372
YIQ	165.5830, -128.5490, -65.7090

Conversions

Conversions Part 2

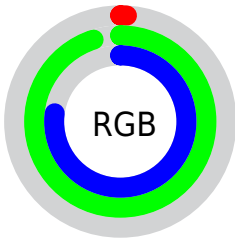
Format	Color
R _Y B	2, 136, 243
Decimal	193476
CIE Lab	86.00, -58.92, 9.17
CIE LCh	86, 59.626, 171.151
Yxy	67.9871, 0.2426, 0.3930
Android (android.graphics.Color)	4278383556 (0xFF02F3C4)
YUV	165.5830, 14.9956, -143.4623
Hunter-Lab	82.4543, -53.4429, 12.3902

Details

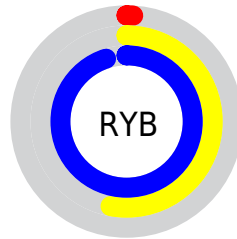
The CIELCh color **86, 59.626, 171.151** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **51, 90.177, 30.427**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.861, 195.470**, and **67, 51.406, 167.293** is the 20% darker color. If you saturate the color by 10%, you get **86, 59.791, 171.005**, and if you desaturate by 10%, it is **86, 57.405, 172.972**.

Distribution



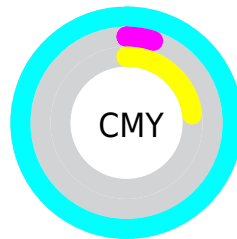
- Red (1%)
- Green (95%)
- Blue (77%)



- Red (1%)
- Yellow (53%)
- Blue (95%)



- Cyan (99%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)





- Cyan (99%)
- Magenta (5%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 59.626, 171.151 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 86, 59.626, 171.151 by changing the saturation by 10% instead.


 86, 59.626,
171.151


 86, 59.626,
171.151


 100, 59.626,
171.151


 76, 59.626,
171.151

 66, 59.626,
171.151

 56, 59.626,
171.151

 46, 59.626,
171.151

 36, 59.626,
171.151

 26, 59.626,
171.151

 16, 59.626,

171.151

■ 6, 59.626, 171.151

■ 0, 59.626, 171.151

■ 86, 59.626,
171.151

■ 86, 59.626,
171.151

■ 86, 59.791,
171.005

■ 86, 57.405,
172.972

■ 87, 54.357,
174.641

■ 87, 50.319,
176.143

■ 88, 45.268,
177.498

■ 89, 39.257,

178.729

■ 90, 32.393,
179.861

■ 91, 24.814,
180.914

■ 92, 16.672,
181.909

■ 94, 8.116, 182.878

Harmonies

Complementary

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



86, 59.626, 171.151



51, 90.177, 30.427

Rectangle

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



86, 59.626, 171.151



86, 59.626, 221.151



86, 59.626, 351.151



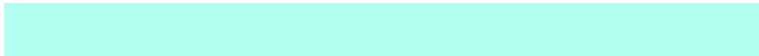
86, 59.626, 41.151

Sweetspot

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



86, 59.626, 171.150



95, 26.465, 180.825



84, 113.319, 134.783



50, 17.854, 180.385



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 59.626, 171.150



90, 62.088, 170.952



66, 47.365, 256.674



50, 5.044, 182.850



68, 48.778, 171.336



21, 20.992, 174.063

Inverse Universe

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



51, 90.177, 30.427



53, 94.221, 30.977



56, 91.130, 46.945



48, 5.241, 4.453



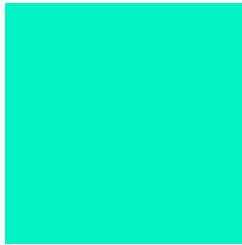
39, 73.617, 29.851



9, 30.018, 16.947

Previews

White Background



This preview shows how the CIE LCh color 86, 59.626, 171.151 looks on a white background.

Color Contrast Check

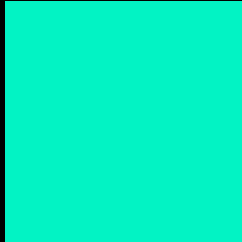
Large Text (above 18pt) WCAG AA × Fail

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 86, 59.626, 171.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

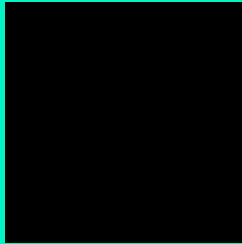
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 59.626, 171.151

Background



This preview shows how black text looks on a background with the CIELCh color 86, 59.626, 171.151.

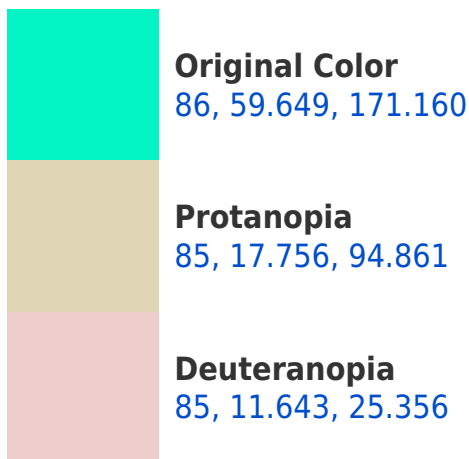


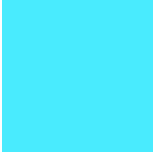
This preview shows how white text looks on a background with the CIELCh color 86, 59.626, 171.151.

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



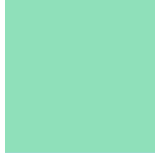


Tritanopia
86, 41.035, 211.187

Trichromacy



Original Color
86, 59.649, 171.160



Protanomaly
83, 34.724, 161.787



Deuteranomaly
83, 24.983, 175.167

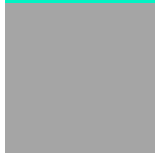


Tritanomaly
86, 46.258, 193.149

Monochromacy



Original Color
86, 59.649, 171.160



Achromatopsia
68, 0.008, 296.813



Achromatomaly
72, 30.382, 179.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 59.626, 171.151 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(2, 243, 196)` looks like.

```
.text, #text, p{  
    color:rgb(2, 243, 196)  
}
```

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(2, 243, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 243, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 59.626, 171.151 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(2, 243, 196) }
```

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

```
.border{ border-color:rgb(2, 243, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 243, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 243, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 243, 196);  
box-shadow:4px 4px 4px 4px rgb(2, 243,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 59.626, 171.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 243, 196) }
```

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

```
.background{ background-color: rgb(2, 243,  
196) }
```

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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