

Converting Colors

CIELCh(86, 59.849, 170.337)

Have a look what the booklet for
CIELCh(86, 59.849, 170.337)
contains.

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Color

CIELCh(86, 59.976, 170.195)

Conversions

Conversions Part 1

Format	Color
Hex	0EF3C2
RGB	14, 243, 194
RGB Percent	5%, 95%, 76%
CMY	0.9442, 0.0477, 0.2398
CMYK	0.94, 0.00, 0.20, 0.05
HSL	167°, 90%, 50%
HSV	167°, 94%, 95%
XYZ	41.9065, 67.9871, 61.8632
YIQ	168.9430, -120.7550, -63.7870

Conversions

Conversions Part 2

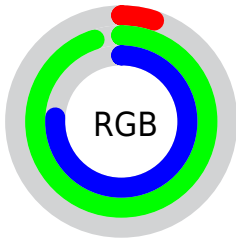
Format	Color
R_{YB}	14, 142, 243
Decimal	979906
CIE _{Lab}	86.00, -59.10, 10.21
CIE _{LCh}	86, 59.976, 170.195
Yxy	67.9871, 0.2440, 0.3958
Android (android.graphics.Color)	4279169986 (0xFF0EF3C2)
YUV	168.9430, 12.3531, -135.8850
Hunter-Lab	82.4543, -53.5743, 13.2344

Details

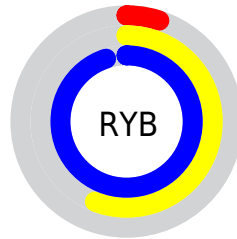
The CIELCh color **86, 59.976, 170.195** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **52, 86.148, 26.231**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 39.870, 193.205**, and **67, 52.120, 166.309** is the 20% darker color. If you saturate the color by 10%, you get **86, 61.306, 169.064**, and if you desaturate by 10%, it is **86, 57.184, 172.032**.

Distribution



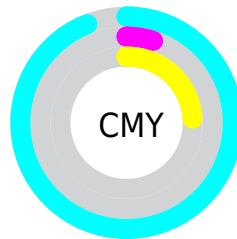
- Red (5%)
- Green (95%)
- Blue (76%)



- Red (5%)
- Yellow (56%)
- Blue (95%)



- Cyan (94%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)





- Cyan (94%)
- Magenta (5%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 59.976, 170.195 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, 59.976, 170.195 by changing the saturation by 10% instead.


 86, 59.976,
170.195


 86, 59.976,
170.195


 100, 59.976,
170.195


 76, 59.976,
170.195

 66, 59.976,
170.195

 56, 59.976,
170.195

 46, 59.976,
170.195

 36, 59.976,
170.195

 26, 59.976,
170.195

 16, 59.976,

170.195

■ 6, 59.976, 170.195

■ 0, 59.976, 170.195

■ 86, 59.976,
170.195

■ 86, 59.976,
170.195

■ 86, 61.306,
169.064

■ 86, 57.184,
172.032

■ 87, 53.453,
173.690

■ 87, 48.718,
175.180

■ 88, 42.998,
176.525

■ 89, 36.380,

177.748

■ 90, 28.992,
178.873

■ 92, 20.983,
179.922

■ 93, 12.506,
180.917

■ 95, 3.706, 181.953

Harmonies

Complementary

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



86, 59.976, 170.195



52, 86.148, 26.231

Rectangle

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



86, 59.976, 170.195



86, 59.976, 220.195



86, 59.976, 350.195



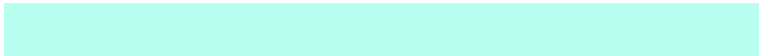
86, 59.976, 40.195

Sweetspot

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



86, 59.976, 170.194



95, 25.106, 179.517



85, 111.368, 134.326



50, 17.154, 179.061



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, 59.976, 170.194



90, 63.663, 169.009



68, 45.025, 250.970



50, 5.089, 181.376



67, 49.990, 169.412



21, 21.438, 172.280

Inverse Universe

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



52, 86.148, 26.231



54, 93.009, 29.548



57, 88.395, 46.797



48, 5.277, 3.003



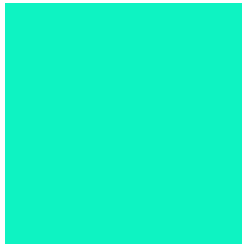
39, 72.703, 28.392



9, 29.944, 16.035

Previews

White Background



This preview shows how the CIE LCh color 86, 59.976, 170.195 looks on a white background.

Color Contrast Check

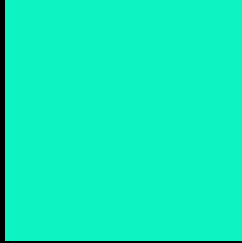
Large Text (above 18pt) WCAG AA × Fail

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, 59.976, 170.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

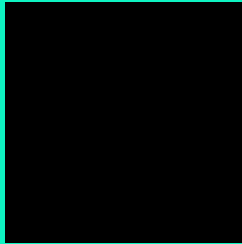
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 59.976, 170.195

Background



This preview shows how black text looks on a background with the CIELCh color 86, 59.976, 170.195.



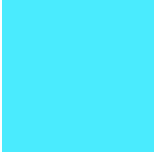
This preview shows how white text looks on a background with the CIELCh color 86, 59.976, 170.195.

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



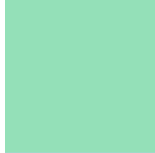


Tritanopia
86, 40.916, 211.236

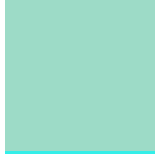
Trichromacy



Original Color
86, 60.005, 170.206



Protanomaly
83, 34.201, 159.070



Deuteranomaly
83, 24.104, 171.633

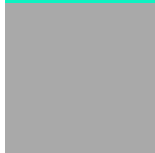


Tritanomaly
86, 45.995, 192.480

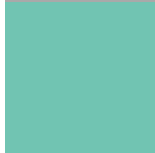
Monochromacy



Original Color
86, 60.005, 170.206



Achromatopsia
69, 0.009, 296.813



Achromatomaly
74, 29.603, 177.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 59.976, 170.195 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(14, 243, 194)` looks like.

```
.text, #text, p{  
    color:rgb(14, 243, 194)  
}
```

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(14, 243, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 243, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 59.976, 170.195 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(14, 243, 194) }
```

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

```
.border{ border-color:rgb(14, 243, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 243, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 243, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 243, 194);  
box-shadow:4px 4px 4px 4px rgb(14, 243,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 59.976, 170.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 243, 194) }
```

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

```
.background{ background-color: rgb(14, 243,  
194) }
```

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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