

Converting Colors

CIELCh(86, 42.800, 211.308)

Have a look what the booklet for
CIELCh(86, 42.800, 211.308)
contains.

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Color

CIELCh(86, 42.866, 210.460)

Conversions

Conversions Part 1

Format	Color
Hex	39ECFF
RGB	57, 236, 255
RGB Percent	22%, 93%, 100%
CMY	0.7774, 0.0750, 0.0005
CMYK	0.78, 0.07, 0.00, 0.00
HSL	186°, 100%, 61%
HSV	186°, 78%, 100%
XYZ	49.6582, 67.9871, 104.9980
YIQ	184.6450, -112.7830, -32.0390

Conversions

Conversions Part 2

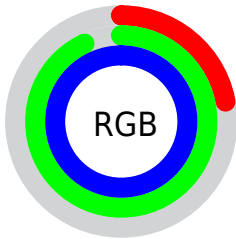
Format	Color
RYB	57, 151, 255
Decimal	3796223
CIELab	86.00, -36.95, -21.73
CIELCh	86, 42.866, 210.460
Yxy	67.9871, 0.2230, 0.3054
Android (android.graphics.Color)	4281986303 (0xFF39ECFF)
YUV	184.6450, 34.6850, -111.9447
Hunter-Lab	82.4543, -36.7932, -17.7824

Details

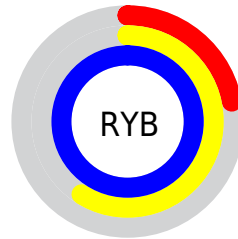
The CIELCh color **86, 42.866, 210.460** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **59, 83.118, 36.975**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.363, 197.247**, and **67, 37.149, 212.466** is the 20% darker color. If you saturate the color by 10%, you get **85, 44.211, 211.745**, and if you desaturate by 10%, it is **87, 40.475, 209.483**.

Distribution



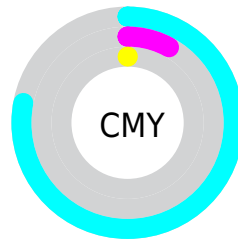
- Red (22%)
- Green (93%)
- Blue (100%)



- Red (22%)
- Yellow (59%)
- Blue (100%)



- Cyan (78%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)




- Cyan (78%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 42.866, 210.460 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, 42.866, 210.460 by changing the saturation by 10% instead.


 86, 42.866,
210.460


 86, 42.866,
210.460


 100, 42.866,
210.460


 76, 42.866,
210.460

 66, 42.866,
210.460

 56, 42.866,
210.460

 46, 42.866,
210.460

 36, 42.866,
210.460

 26, 42.866,
210.460

 16, 42.866,

210.460

■ 6, 42.866, 210.460

■ 0, 42.866, 210.460

■ 86, 42.866,
210.460

■ 86, 42.866,
210.460

■ 85, 44.211,
211.745

■ 87, 40.475,
209.483

■ 84, 44.652,
213.358

■ 89, 37.006,
208.780

■ 84, 44.691,
213.751

■ 90, 32.495,
208.311

■ 92, 27.029,
208.040

■ 94, 20.728,

207.933

■ 96, 13.725,
207.967

■ 98, 6.155, 208.149

100, 0.057,
108.819

Harmonies

Complementary

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



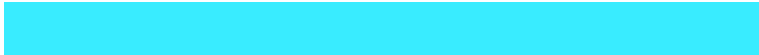
86, 42.866, 210.460



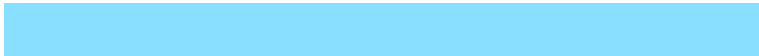
59, 83.118, 36.975

Rectangle

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



86, 42.866, 210.460



86, 42.866, 260.460



86, 42.866, 30.460



86, 42.866, 80.460

Sweetspot

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



86, 42.865, 210.459



95, 17.507, 207.933



88, 105.509, 138.873



50, 11.958, 207.930



0, 0.000, 0.000



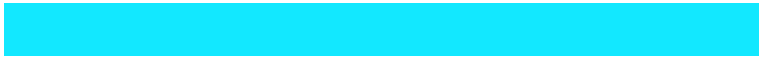
53, 0.007, 296.813

Same Dimension

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



86, 42.865, 210.459



85, 44.557, 212.557



59, 66.185, 282.965



52, 4.512, 208.101



65, 36.058, 213.417



21, 16.753, 211.139

Inverse Universe

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



62, 100.254, 331.507



59, 106.292, 332.225



77, 70.809, 72.654



50, 8.481, 327.677



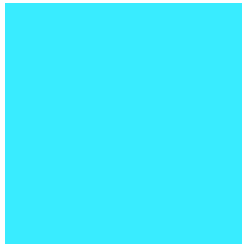
44, 86.322, 332.471



12, 40.073, 331.913

Previews

White Background



This preview shows how the CIE LCh color 86, 42.866, 210.460 looks on a white background.

Color Contrast Check

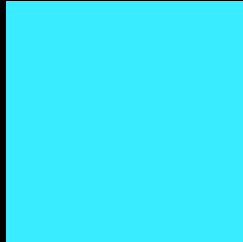
Large Text (above 18pt) WCAG AA × Fail

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, 42.866, 210.460 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

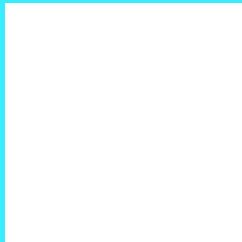
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 42.866, 210.460

Background



This preview shows how black text looks on a background with the CIELCh color 86, 42.866, 210.460.



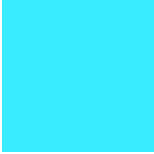
This preview shows how white text looks on a background with the CIELCh color 86, 42.866, 210.460.

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



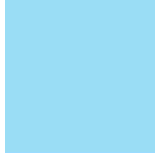


Tritanopia
86, 42.866, 210.460

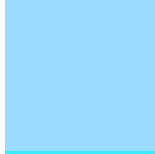
Trichromacy



Original Color
86, 42.866, 210.460



Protanomaly
85, 23.852, 230.469



Deuteranomaly
84, 26.685, 244.127

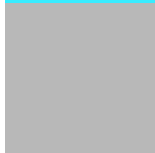


Tritanomaly
86, 42.866, 210.460

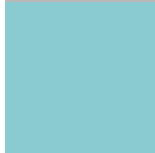
Monochromacy



Original Color
86, 42.866, 210.460



Achromatopsia
75, 0.009, 296.813



Achromatomaly
78, 21.334, 208.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 42.866, 210.460 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(57, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 236, 255)  
}
```

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(57, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 236, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 42.866, 210.460 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(57, 236, 255) }
```

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

```
.border{ border-color:rgb(57, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 236,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 42.866, 210.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 236, 255) }
```

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

```
.background{ background-color: rgb(57, 236,  
255) }
```

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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