

Converting Colors

CIELCh(86, 35.089, 216.789)

Have a look what the booklet for
CIELCh(86, 35.089, 216.789)
contains.

CIELCh(86, 35.070, 216.806)	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, 35.070, 216.806)

Conversions

Conversions Part 1

Format	Color
Hex	6EE8FE
RGB	110, 232, 254
RGB Percent	43%, 91%, 100%
CMY	0.5698, 0.0913, 0.0050
CMYK	0.57, 0.09, 0.00, 0.01
HSL	189°, 98%, 71%
HSV	189°, 57%, 99%
XYZ	53.0124, 67.9871, 103.8549
YIQ	198.0300, -79.7740, -19.0220

Conversions

Conversions Part 2

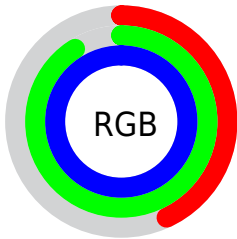
Format	Color
RYB	110, 176, 254
Decimal	7268606
CIELab	86.00, -28.08, -21.01
CIELCh	86, 35.070, 216.806
Yxy	67.9871, 0.2358, 0.3024
Android (android.graphics.Color)	4285458686 (0xFF6EE8FE)
YUV	198.0300, 27.5932, -77.2023
Hunter-Lab	82.4543, -29.5318, -16.9604

Details

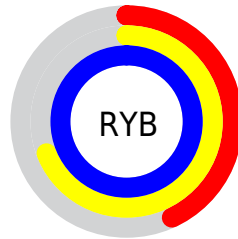
The CIELCh color **86, 35.070, 216.806** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **68, 55.393, 36.652**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 26.210, 197.801**, and **66, 35.012, 216.596** is the 20% darker color. If you saturate the color by 10%, you get **84, 38.562, 218.145**, and if you desaturate by 10%, it is **88, 30.610, 215.815**.

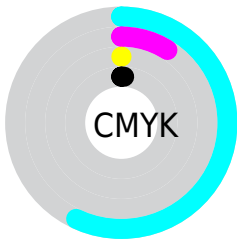
Distribution



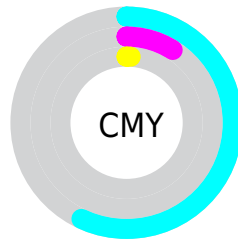
- Red (43%)
- Green (91%)
- Blue (100%)



- Red (43%)
- Yellow (69%)
- Blue (100%)



- Cyan (57%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (57%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 35.070, 216.806 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, 35.070, 216.806 by changing the saturation by 10% instead.

■ 86, 35.070,
216.806

■ 86, 35.070,
216.806

■ 100, 35.070,
216.806

■ 76, 35.070,
216.806

■ 66, 35.070,
216.806

■ 56, 35.070,
216.806

■ 46, 35.070,
216.806

■ 36, 35.070,
216.806

■ 26, 35.070,
216.806

■ 16, 35.070,

216.806

■ 6, 35.070, 216.806

■ 0, 35.070, 216.806

■ 86, 35.070,
216.806

■ 86, 35.070,
216.806

■ 84, 38.562,
218.145

■ 88, 30.610,
215.815

■ 83, 41.050,
219.904

■ 90, 25.269,
215.114

■ 81, 42.570,
222.150

■ 93, 19.163,
214.648

■ 80, 43.255,
224.924

■ 95, 12.416,
214.376

■ 79, 43.387,

■ 98, 5.152, 214.304

225.893

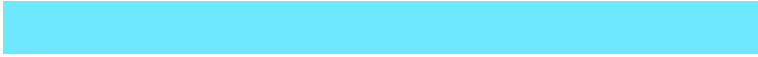
100, 0.624,
109.011

100, 0.640,
110.009

Harmonies

Complementary

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



86, 35.070, 216.806



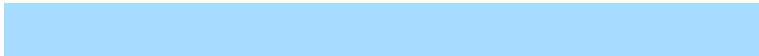
68, 55.393, 36.652

Rectangle

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



86, 35.070, 216.806



86, 35.070, 266.806



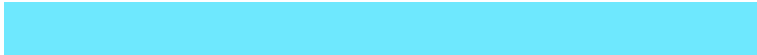
86, 35.070, 36.806



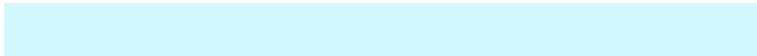
86, 35.070, 86.806

Sweetspot

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



86, 35.069, 216.804



95, 12.632, 214.380



90, 78.849, 143.535



50, 8.396, 214.421



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

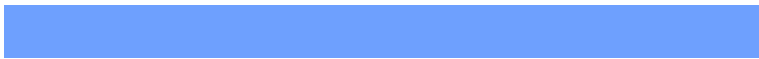
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 35.069, 216.804



84, 39.078, 218.341



66, 52.623, 281.072



52, 4.316, 214.295



61, 35.091, 225.326



20, 16.217, 221.377

Inverse Universe

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



68, 77.803, 332.518



64, 89.344, 333.257



84, 53.309, 82.021



50, 8.151, 329.479



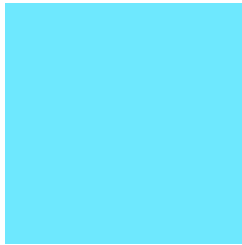
44, 82.587, 335.433



12, 38.537, 334.436

Previews

White Background



This preview shows how the CIE LCh color 86, 35.070, 216.806 looks on a white background.

Color Contrast Check

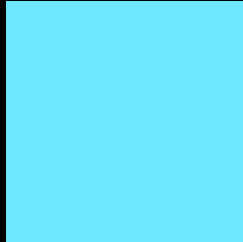
Large Text (above 18pt) WCAG AA × Fail

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, 35.070, 216.806 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, 35.070, 216.806

Background



This preview shows how black text looks on a background with the CIELCh color 86, 35.070, 216.806.

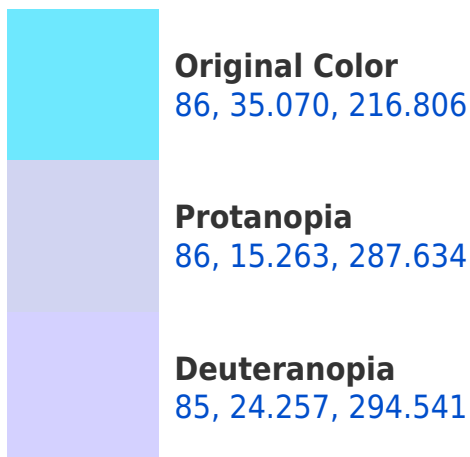


This preview shows how white text looks on a background with the CIELCh color 86, 35.070, 216.806.

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



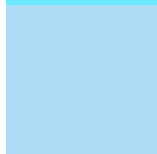


Tritanopia
86, 35.092, 214.013

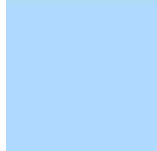
Trichromacy



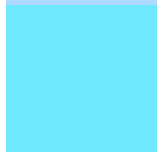
Original Color
86, 35.070, 216.806



Protanomaly
85, 20.051, 244.067



Deuteranomaly
85, 23.507, 257.632

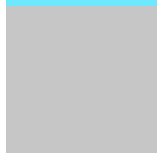


Tritanomaly
86, 35.136, 214.910

Monochromacy



Original Color
86, 35.070, 216.806



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 15.260, 214.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 35.070, 216.806 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(110, 232, 254)` looks like.

```
.text, #text, p{  
    color:rgb(110, 232, 254)  
}
```

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(110, 232, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 232, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 35.070, 216.806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

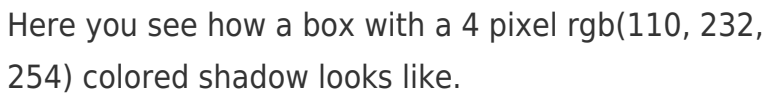
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 232, 254) }
```

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

```
.border{ border-color:rgb(110, 232, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 232, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 232, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 232, 254);  
box-shadow:4px 4px 4px 4px rgb(110, 232,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 35.070, 216.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 232, 254) }
```

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

```
.background{ background-color: rgb(110,  
232, 254) }
```

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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