

Converting Colors

CIELCh(86, 31.709, 221.591)

Have a look what the booklet for
CIELCh(86, 31.709, 221.591)
contains.

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Color

CIELCh(86, 31.828, 221.181)

Conversions

Conversions Part 1

Format	Color
Hex	7EE6FE
RGB	126, 230, 254
RGB Percent	49%, 90%, 100%
CMY	0.5070, 0.0991, 0.0050
CMYK	0.50, 0.09, 0.00, 0.01
HSL	191°, 98%, 74%
HSV	191°, 50%, 99%
XYZ	54.6223, 67.9871, 103.7697
YIQ	201.6400, -69.6880, -14.5840

Conversions

Conversions Part 2

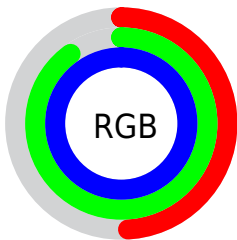
Format	Color
RYB	126, 183, 254
Decimal	8316670
CIELab	86.00, -23.95, -20.96
CIELCh	86, 31.828, 221.181
Yxy	67.9871, 0.2413, 0.3003
Android (android.graphics.Color)	4286506750 (0xFF7EE6FE)
YUV	201.6400, 25.8135, -66.3363
Hunter-Lab	82.4543, -26.0468, -16.8991

Details

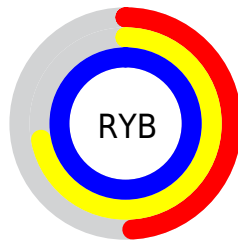
The CIELCh color **86, 31.828, 221.181** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72, 47.032, 38.840**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.269, 198.045**, and **66, 31.821, 221.142** is the 20% darker color. If you saturate the color by 10%, you get **84, 35.954, 222.662**, and if you desaturate by 10%, it is **88, 26.834, 220.071**.

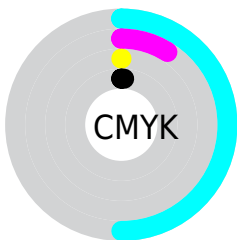
Distribution



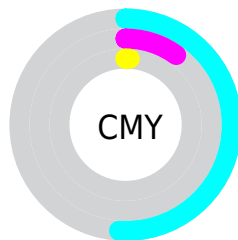
- Red (49%)
- Green (90%)
- Blue (100%)



- Red (49%)
- Yellow (72%)
- Blue (100%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)





- Cyan (51%)
- Magenta (10%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 31.828, 221.181 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, 31.828, 221.181 by changing the saturation by 10% instead.


 86, 31.828,
221.181


 86, 31.828,
221.181


 100, 31.828,
221.181


 76, 31.828,
221.181

 66, 31.828,
221.181

 56, 31.828,
221.181

 46, 31.828,
221.181

 36, 31.828,
221.181

 26, 31.828,
221.181

 16, 31.828,

221.181

■ 6, 31.828, 221.181

■ 0, 31.828, 221.181

■ 86, 31.828,
221.181

■ 86, 31.828,
221.181

■ 84, 35.954,
222.662

■ 88, 26.834,
220.071

■ 82, 39.150,
224.598

■ 91, 21.072,
219.265

■ 80, 41.413,
227.073

■ 94, 14.660,
218.705

■ 78, 42.824,
230.154

■ 96, 7.714, 218.360

■ 77, 43.600,

■ 99, 0.345, 219.931

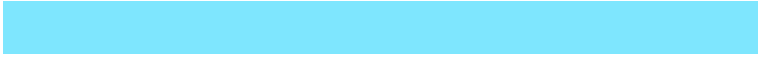
233.624

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.



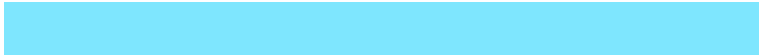
86, 31.828, 221.181



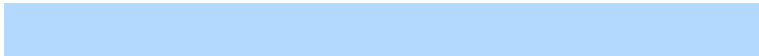
72, 47.032, 38.840

Rectangle

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



86, 31.828, 221.181



86, 31.828, 271.181



86, 31.828, 41.181



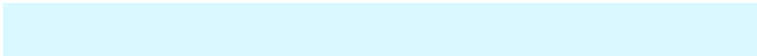
86, 31.828, 91.181

Sweetspot

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



86, 31.827, 221.179



96, 10.976, 218.490



90, 69.239, 145.390



50, 7.442, 218.566



0, 0.000, 0.000



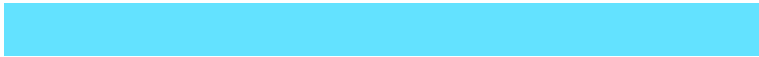
53, 0.007, 296.813

Same Dimension

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



86, 31.827, 221.179



84, 36.297, 222.758



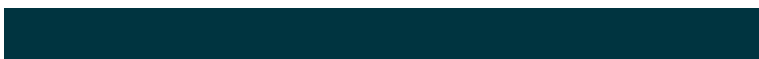
69, 48.716, 281.760



52, 4.223, 218.340



59, 35.212, 232.920



19, 16.133, 227.982

Inverse Universe

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



71, 68.770, 333.434



66, 80.786, 334.203



87, 48.339, 85.722



50, 7.953, 330.656



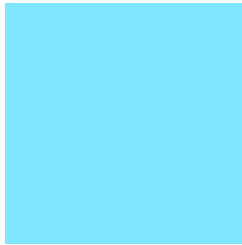
43, 80.432, 337.428



11, 37.640, 336.117

Previews

White Background



This preview shows how the CIE LCh color 86, 31.828, 221.181 looks on a white background.

Color Contrast Check

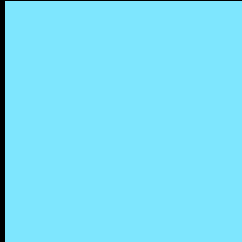
Large Text (above 18pt) WCAG AA × Fail

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, 31.828, 221.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

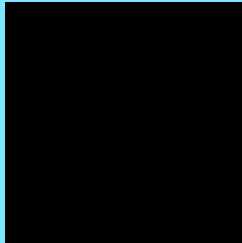
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 31.828, 221.181

Background



This preview shows how black text looks on a background with the CIELCh color 86, 31.828, 221.181.




This preview shows how white text looks on a background with the CIELCh color 86, 31.828, 221.181.

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, 31.782, 216.014

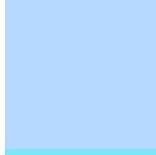
Trichromacy



Original Color
86, 31.828, 221.181



Protanomaly
85, 19.020, 249.885



Deuteranomaly
85, 22.630, 261.478

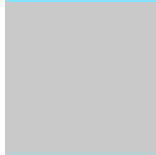


Tritanomaly
86, 31.730, 218.112

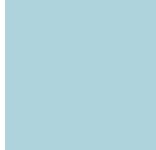
Monochromacy



Original Color
86, 31.828, 221.181



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 13.281, 219.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 31.828, 221.181 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(126, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(126, 230, 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(126, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 31.828, 221.181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

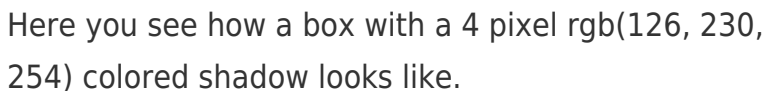
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 230, 254) }
```

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

```
.border{ border-color:rgb(126, 230, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(126, 230,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 31.828, 221.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 230, 254) }
```

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

```
.background{ background-color: rgb(126,  
230, 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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