

Converting Colors

CIELCh(86, 29.452, 225.569)

Have a look what the booklet for
CIELCh(86, 29.452, 225.569)
contains.

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Color

CIELCh(86, 29.448, 225.722)

Conversions

Conversions Part 1

Format	Color
Hex	89E4FE
RGB	137, 228, 254
RGB Percent	54%, 89%, 100%
CMY	0.4626, 0.1057, 0.0038
CMYK	0.46, 0.10, 0.00, 0.00
HSL	193°, 98%, 77%
HSV	193°, 46%, 100%
XYZ	55.9719, 67.9871, 103.9703
YIQ	203.7550, -62.5820, -11.2060

Conversions

Conversions Part 2

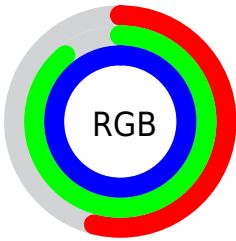
Format	Color
R _Y B	137, 188, 254
Decimal	9037054
CIE Lab	86.00, -20.56, -21.08
CIE LCh	86, 29.448, 225.722
Yxy	67.9871, 0.2456, 0.2983
Android (android.graphics.Color)	4287227134 (0xFF89E4FE)
YUV	203.7550, 24.7708, -58.5441
Hunter-Lab	82.4543, -23.1251, -17.0434

Details

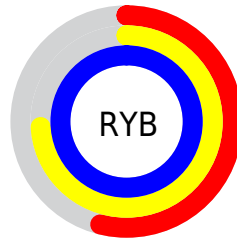
The CIELCh color **86, 29.448, 225.722** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **76, 41.380, 41.696**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **66, 29.444, 225.912** is the 20% darker color. If you saturate the color by 10%, you get **83, 34.027, 227.366**, and if you desaturate by 10%, it is **89, 24.096, 224.468**.

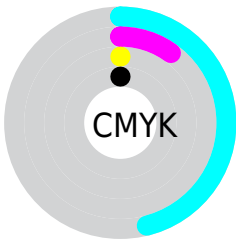
Distribution



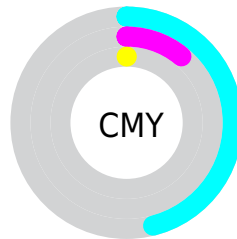
- Red (54%)
- Green (89%)
- Blue (100%)



- Red (54%)
- Yellow (74%)
- Blue (100%)



- Cyan (46%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 29.448, 225.722 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, 29.448, 225.722 by changing the saturation by 10% instead.


 86, 29.448,
225.722

 86, 29.448,
225.722


 100, 29.448,
225.722


 76, 29.448,
225.722

 66, 29.448,
225.722

 56, 29.448,
225.722

 46, 29.448,
225.722

 36, 29.448,
225.722

 26, 29.448,
225.722

 16, 29.448,

225.722

■ 6, 29.448, 225.722

■ 0, 29.448, 225.722

■ 86, 29.448,
225.722

■ 86, 29.448,
225.722

■ 83, 34.027,
227.366

■ 89, 24.096,
224.468

■ 81, 37.762,
229.495

■ 92, 18.072,
223.535

■ 79, 40.633,
232.199

■ 95, 11.486,
222.861

■ 77, 42.697,
235.558

■ 98, 4.445, 222.451

■ 75, 44.111,

100, 0.476,
109.980

239.602

■ 74, 44.592,
241.312

Harmonies

Complementary

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



86, 29.448, 225.722



76, 41.380, 41.696

Rectangle

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



86, 29.448, 225.722



86, 29.448, 275.722



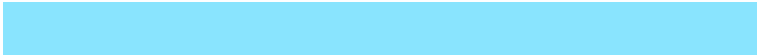
86, 29.448, 45.722



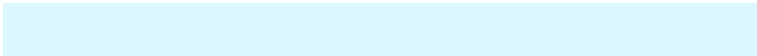
86, 29.448, 95.722

Sweetspot

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



86, 29.447, 225.720



96, 10.104, 222.753



91, 62.121, 147.029



50, 6.934, 222.867



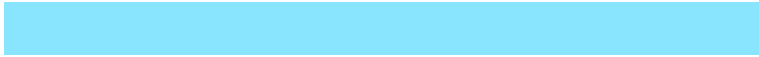
0, 0.000, 0.000



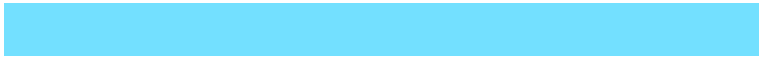
53, 0.007, 296.813

Same Dimension

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



86, 29.447, 225.720



84, 33.684, 227.173



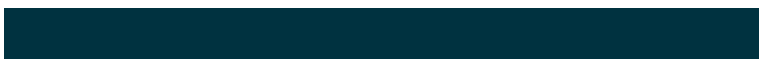
70, 46.331, 282.941



52, 4.152, 222.553



57, 35.908, 240.492



18, 16.250, 234.686

Inverse Universe

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



73, 61.960, 334.500



69, 72.655, 335.203



89, 45.241, 88.963



50, 7.759, 331.896



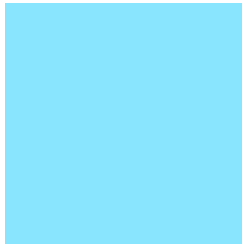
43, 78.389, 339.574



11, 36.780, 337.912

Previews

White Background



This preview shows how the CIELCh color 86, 29.448, 225.722 looks on a white background.

Color Contrast Check

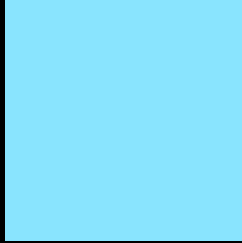
Large Text (above 18pt) WCAG AA × Fail

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, 29.448, 225.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

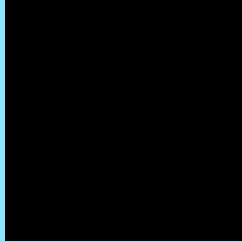
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 29.448, 225.722

Background



This preview shows how black text looks on a background with the CIELCh color 86, 29.448, 225.722.



This preview shows how white text looks on a background with the CIELCh color 86, 29.448, 225.722.

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



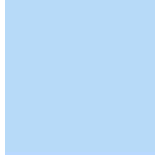


Tritanopia
86, 29.219, 217.855

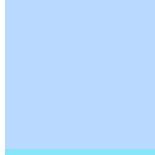
Trichromacy



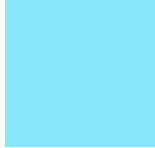
Original Color
86, 29.448, 225.722



Protanomaly
85, 19.076, 255.036



Deuteranomaly
86, 22.092, 264.250

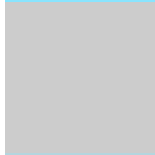


Tritanomaly
86, 29.201, 220.133

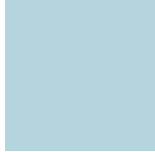
Monochromacy



Original Color
86, 29.448, 225.722



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 12.076, 222.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 29.448, 225.722 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(137, 228, 254)` looks like.

```
.text, #text, p{  
    color:rgb(137, 228, 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(137, 228, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 228, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 29.448, 225.722 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(137, 228, 254) }
```

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

```
.border{ border-color:rgb(137, 228, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 228, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 228, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 228, 254);  
box-shadow:4px 4px 4px 4px rgb(137, 228,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 29.448, 225.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 228, 254) }
```

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

```
.background{ background-color: rgb(137,  
228, 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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