

Converting Colors

CIELCh(86, 30.327, 213.910)

Have a look what the booklet for
CIELCh(86, 30.327, 213.910)
contains.

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Color

CIELCh(86, 30.332, 213.811)

Conversions

Conversions Part 1

Format	Color
Hex	82E6F6
RGB	130, 230, 246
RGB Percent	51%, 90%, 96%
CMY	0.4902, 0.0981, 0.0353
CMYK	0.47, 0.07, 0.00, 0.04
HSL	188°, 87%, 74%
HSV	188°, 47%, 96%
XYZ	54.1320, 67.9871, 97.4516
YIQ	201.9240, -64.7360, -16.2240

Conversions

Conversions Part 2

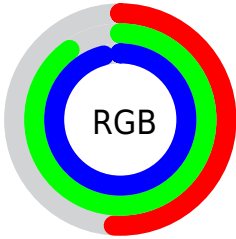
Format	Color
R _Y B	130, 184, 246
Decimal	8578806
CIE Lab	86.00, -25.20, -16.88
CIE LCh	86, 30.332, 213.811
Yxy	67.9871, 0.2465, 0.3096
Android (android.graphics.Color)	4286768886 (0xFF82E6F6)
YUV	201.9240, 21.7295, -63.0773
Hunter-Lab	82.4543, -27.1081, -12.3560

Details

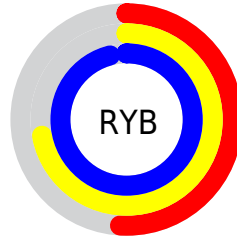
The CIELCh color **86, 30.332, 213.811** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 43.705, 34.484**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.394, 198.100**, and **66, 30.305, 214.404** is the 20% darker color. If you saturate the color by 10%, you get **84, 34.672, 214.660**, and if you desaturate by 10%, it is **88, 25.113, 213.222**.

Distribution



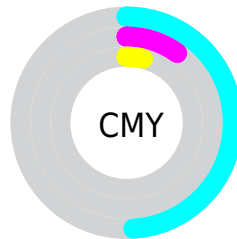
- Red (51%)
- Green (90%)
- Blue (96%)



- Red (51%)
- Yellow (72%)
- Blue (96%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





- Cyan (49%)
- Magenta (10%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 30.332, 213.811 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, 30.332, 213.811 by changing the saturation by 10% instead.


 86, 30.332,
213.811


 86, 30.332,
213.811


 100, 30.332,
213.811


 76, 30.332,
213.811

 66, 30.332,
213.811

 56, 30.332,
213.811

 46, 30.332,
213.811

 36, 30.332,
213.811

 26, 30.332,
213.811

 16, 30.332,

213.811

■ 6, 30.332, 213.811

■ 0, 30.332, 213.811

■ 86, 30.332,
213.811

■ 86, 30.332,
213.811

■ 84, 34.672,
214.660

■ 88, 25.113,
213.222

■ 83, 38.050,
215.831

■ 90, 19.130,
212.850

■ 81, 40.428,
217.382

■ 93, 12.507,
212.658

■ 80, 41.840,
219.374

■ 95, 5.365, 212.651

■ 79, 42.418,

■ 98, 2.181, 32.262

221.840

99, 2.738, 73.057

78, 42.510,
222.593

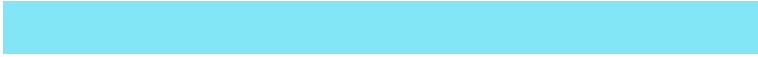
99, 3.943, 103.389

100, 4.556,
109.821

Harmonies

Complementary

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



86, 30.332, 213.811



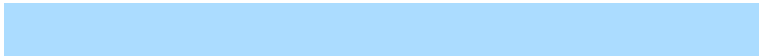
71, 43.705, 34.484

Rectangle

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



86, 30.332, 213.811



86, 30.332, 263.811



86, 30.332, 33.811



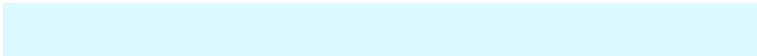
86, 30.332, 83.811

Sweetspot

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



86, 30.332, 213.809



96, 10.608, 212.632



88, 65.747, 144.266



51, 7.276, 212.648



0, 0.000, 0.000



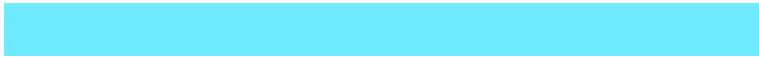
53, 0.007, 296.813

Same Dimension

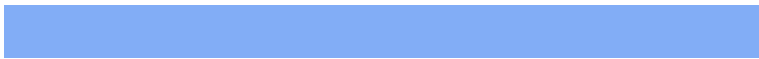
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 30.332, 213.809



87, 35.611, 214.655



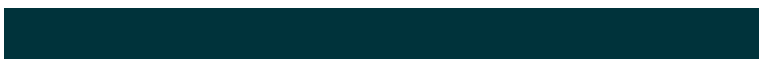
70, 41.348, 277.053



50, 4.219, 212.629



61, 34.510, 222.082



19, 15.465, 218.236

Inverse Universe

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



70, 65.291, 331.351



68, 79.163, 331.972



84, 42.529, 82.012



48, 7.964, 328.993



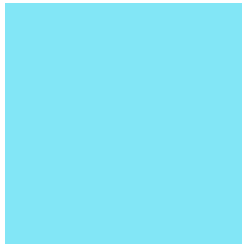
43, 81.888, 334.613



10, 36.927, 333.656

Previews

White Background



This preview shows how the CIE LCh color 86, 30.332, 213.811 looks on a white background.

Color Contrast Check

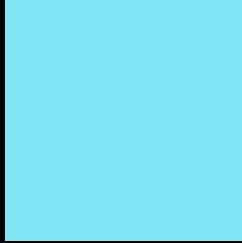
Large Text (above 18pt) WCAG AA × Fail

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, 30.332, 213.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

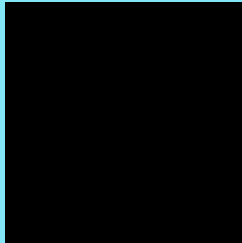
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 30.332, 213.811

Background



This preview shows how black text looks on a background with the CIELCh color 86, 30.332, 213.811.



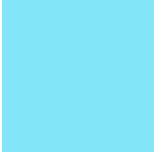
This preview shows how white text looks on a background with the CIELCh color 86, 30.332, 213.811.

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



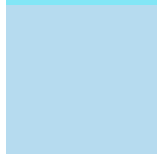


Tritanopia
86, 30.237, 216.003

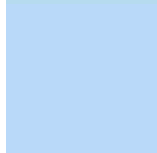
Trichromacy



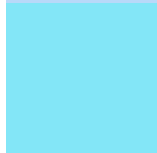
Original Color
86, 30.332, 213.811



Protanomaly
85, 15.828, 240.609



Deuteranomaly
85, 19.438, 259.348

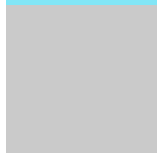


Tritanomaly
86, 30.170, 214.976

Monochromacy



Original Color
86, 30.332, 213.811



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 12.610, 213.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 30.332, 213.811 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(130, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(130, 230, 246)  
}
```

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(130, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 230, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 30.332, 213.811 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(130, 230, 246) }
```

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

```
.border{ border-color:rgb(130, 230, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 230, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 230, 246); box-shadow:4px 4px 4px 4px rgb(130, 230, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 30.332, 213.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 230, 246) }
```

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

```
.background{ background-color: rgb(130,  
230, 246) }
```

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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