

Converting Colors

CIELCh(82, 30.566, 242.451)

Have a look what the booklet for
CIELCh(82, 30.566, 242.451)
contains.

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Color

CIELCh(82, 30.602, 242.501)

Conversions

Conversions Part 1

Format	Color
Hex	86D6FE
RGB	134, 214, 254
RGB Percent	53%, 84%, 100%
CMY	0.4746, 0.1609, 0.0040
CMYK	0.47, 0.16, 0.00, 0.00
HSL	200°, 98%, 76%
HSV	200°, 47%, 100%
XYZ	51.7505, 60.2982, 102.6526
YIQ	194.6400, -60.5200, -4.5200

Conversions

Conversions Part 2

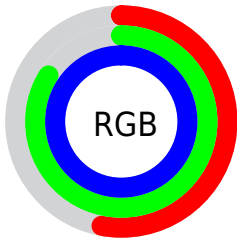
Format	Color
RYB	134, 182, 254
Decimal	8836862
CIELab	82.00, -14.13, -27.14
CIELCh	82, 30.602, 242.501
Yxy	60.2982, 0.2410, 0.2808
Android (android.graphics.Color)	4287026942 (0xFF86D6FE)
YUV	194.6400, 29.2645, -53.1813
Hunter-Lab	77.6519, -16.9308, -24.0226

Details

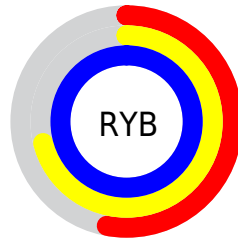
The CIELCh color **82, 30.602, 242.501** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **78, 40.787, 52.437**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **62, 30.517, 242.799** is the 20% darker color. If you saturate the color by 10%, you get **79, 35.733, 245.091**, and if you desaturate by 10%, it is **86, 24.918, 240.418**.

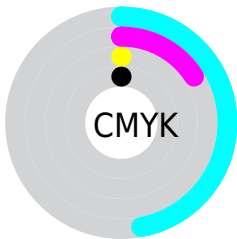
Distribution



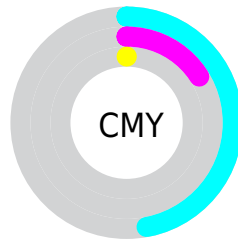
- Red (53%)
- Green (84%)
- Blue (100%)



- Red (53%)
- Yellow (71%)
- Blue (100%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (47%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 30.602, 242.501 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 82, 30.602, 242.501 by changing the saturation by 10% instead.


 82, 30.602,
242.501


 82, 30.602,
242.501


 100, 30.602,
242.501


 72, 30.602,
242.501

 62, 30.602,
242.501

 52, 30.602,
242.501

 42, 30.602,
242.501

 32, 30.602,
242.501

 22, 30.602,
242.501

 12, 30.602,

242.501

■ 2, 30.602, 242.501

■ 0, 30.602, 242.501

■ 82, 30.602,
242.501

■ 82, 30.602,
242.501

■ 79, 35.733,
245.091

■ 86, 24.918,
240.418

■ 75, 40.292,
248.280

■ 89, 18.741,
238.757

■ 72, 44.318,
252.134

■ 93, 12.145,
237.441

■ 70, 47.924,
256.662

■ 97, 5.207, 236.441

■ 67, 51.315,

100, 0.510,
109.988

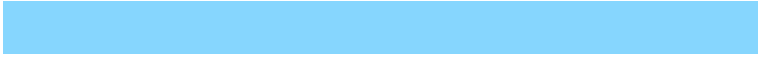
261.760

■ 66, 52.270,
263.172

Harmonies

Complementary

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



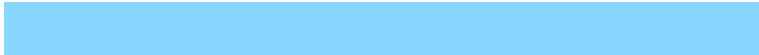
82, 30.602, 242.501



78, 40.787, 52.437

Rectangle

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



82, 30.602, 242.501



82, 30.602, 292.501



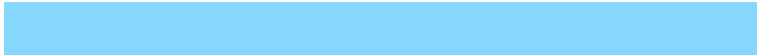
82, 30.602, 62.501



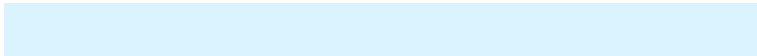
82, 30.602, 112.501

Sweetspot

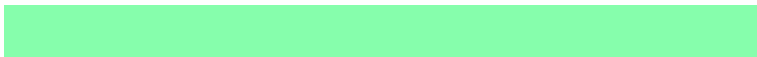
The Sweet Spot groups the original color and five complimentary colors.



82, 30.601, 242.500



95, 9.958, 237.080



91, 58.907, 150.487



50, 6.844, 237.317



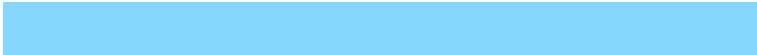
0, 0.000, 0.000



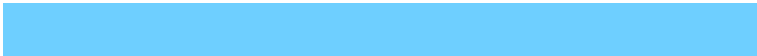
53, 0.007, 296.813

Same Dimension

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



82, 30.601, 242.500



79, 35.727, 245.023



67, 54.233, 289.137



51, 4.080, 236.634



51, 41.792, 262.205



16, 17.975, 254.979

Inverse Universe

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



72, 58.937, 339.557



67, 69.648, 340.605



92, 50.371, 95.800



50, 7.168, 336.308



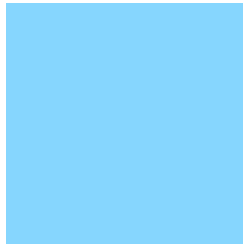
42, 72.819, 347.477



11, 34.337, 344.441

Previews

White Background



This preview shows how the CIELCh color 82, 30.602, 242.501 looks on a white background.

Color Contrast Check

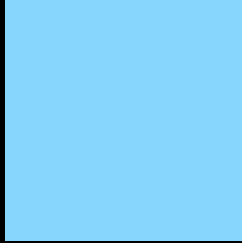
Large Text (above 18pt) WCAG AA × Fail

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 82, 30.602, 242.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

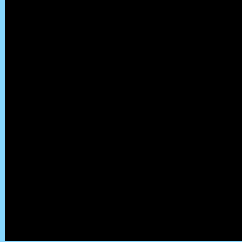
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

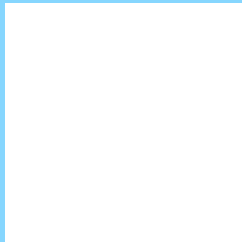
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 30.602, 242.501

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.602, 242.501.

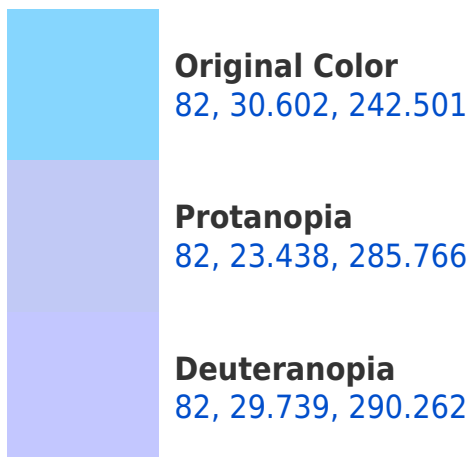


This preview shows how white text looks on a background with the CIELCh color 82, 30.602, 242.501.

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



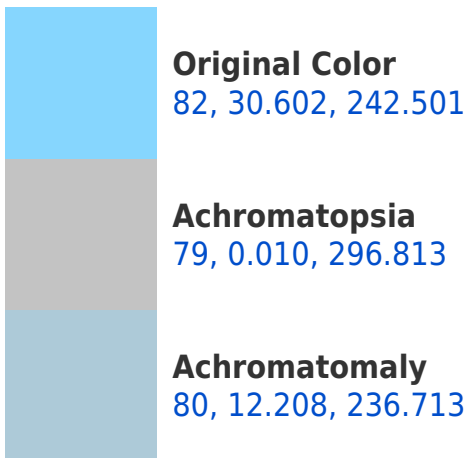


Tritanopia
82, 27.973, 217.851

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.602, 242.501 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(134, 214, 254)` looks like.

```
.text, #text, p{  
    color:rgb(134, 214, 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(134, 214, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 214, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.602, 242.501 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(134, 214, 254) }
```

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

```
.border{ border-color:rgb(134, 214, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 214, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 214, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 214, 254);  
box-shadow:4px 4px 4px 4px rgb(134, 214,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.602, 242.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 214, 254) }
```

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

```
.background{ background-color: rgb(134,  
214, 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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