

Converting Colors

CIELCh(81, 41.591, 254.603)

Have a look what the booklet for
CIELCh(81, 41.591, 254.603)
contains.

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Color

CIELCh(80, 34.892, 240.602)

Conversions

Conversions Part 1

Format	Color
Hex	6ED2FE
RGB	110, 210, 254
RGB Percent	43%, 82%, 100%
CMY	0.5682, 0.1757, 0.0032
CMYK	0.57, 0.17, 0.00, 0.00
HSL	198°, 99%, 71%
HSV	198°, 57%, 100%
XYZ	47.4572, 56.6813, 102.3485
YIQ	185.1160, -73.7240, -7.5160

Conversions

Conversions Part 2

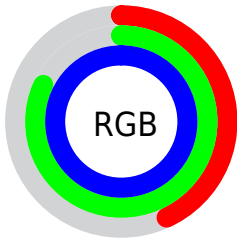
Format	Color
R _Y B	110, 169, 254
Decimal	7262974
CIE Lab	80.00, -17.13, -30.40
CIE LCh	80, 34.892, 240.602
Yxy	56.6813, 0.2298, 0.2745
Android (android.graphics.Color)	4285453054 (0xFF6ED2FE)
YUV	185.1160, 33.9598, -65.8767
Hunter-Lab	75.2870, -19.2347, -27.9006

Details

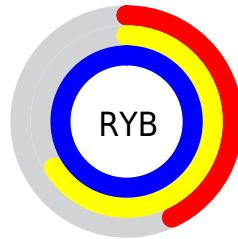
The CIELCh color **80, 34.892, 240.602** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **73, 51.127, 49.396**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.483, 197.785**, and **60, 34.906, 241.030** is the 20% darker color. If you saturate the color by 10%, you get **77, 39.186, 243.564**, and if you desaturate by 10%, it is **83, 29.947, 238.223**.

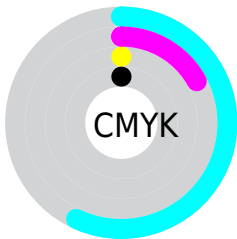
Distribution



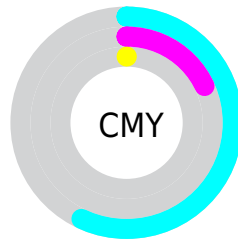
- Red (43%)
- Green (82%)
- Blue (100%)



- Red (43%)
- Yellow (66%)
- Blue (100%)



- Cyan (57%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 34.892, 240.602 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 80, 34.892, 240.602 by changing the saturation by 10% instead.


 80, 34.892,
240.602


 80, 34.892,
240.602


 100, 34.892,
240.602


 70, 34.892,
240.602


 60, 34.892,
240.602

 50, 34.892,
240.602

 40, 34.892,
240.602

 30, 34.892,
240.602

 20, 34.892,
240.602

 10, 34.892,

240.602

0, 34.892, 240.602

80, 34.892,
240.602

80, 34.892,
240.602

77, 39.186,
243.564

83, 29.947,
238.223

74, 42.854,
247.191

86, 24.390,
236.334

72, 45.996,
251.519

90, 18.290,
234.846

69, 48.805,
256.486

94, 11.732,
233.686

68, 49.744,
258.179

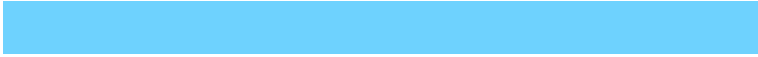
97, 4.800, 232.833

100, 0.409,

Harmonies

Complementary

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



80, 34.892, 240.602



73, 51.127, 49.396

Rectangle

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



80, 34.892, 240.602



80, 34.892, 290.602



80, 34.892, 60.602



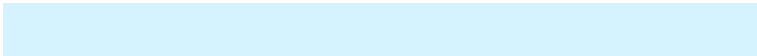
80, 34.892, 110.602

Sweetspot

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



80, 34.891, 240.601



94, 11.982, 233.719



90, 70.505, 148.549



49, 7.976, 233.930



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 34.891, 240.601



77, 39.809, 244.008



61, 64.777, 290.589



51, 4.075, 233.036



52, 39.819, 257.218



16, 17.351, 250.150

Inverse Universe

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



67, 70.378, 339.157



63, 80.849, 340.439



90, 59.124, 93.531



50, 7.313, 335.123



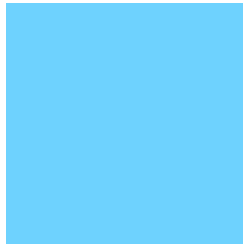
42, 74.071, 345.326



11, 34.905, 342.672

Previews

White Background



This preview shows how the CIELCh color 80, 34.892, 240.602 looks on a white background.

Color Contrast Check

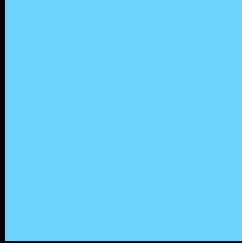
Large Text (above 18pt) WCAG AA × Fail

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 80, 34.892, 240.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

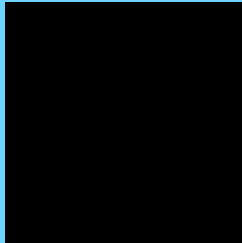
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

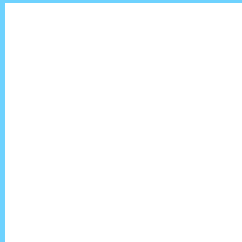
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 34.892, 240.602

Background



This preview shows how black text looks on a background with the CIELCh color 80, 34.892, 240.602.

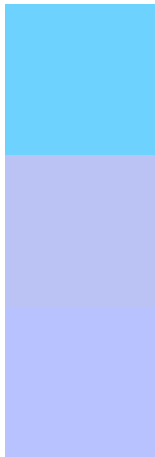


This preview shows how white text looks on a background with the CIELCh color 80, 34.892, 240.602.

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



Original Color

80, 34.886, 240.658

Protanopia

80, 25.707, 285.895

Deuteranopia

80, 32.615, 287.489

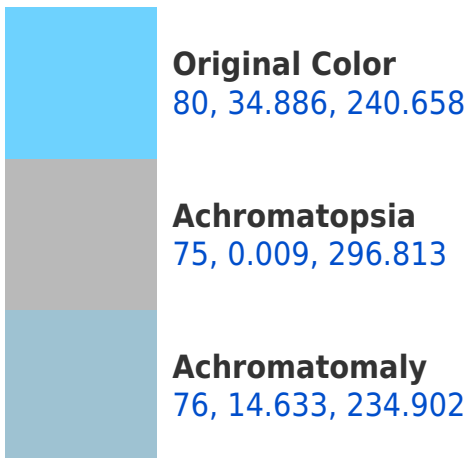


Tritanopia
80, 32.814, 213.527

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 34.892, 240.602 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, 210, 254)` looks like.

```
.text, #text, p{  
    color:rgb(110, 210, 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, 210, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 210, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 34.892, 240.602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

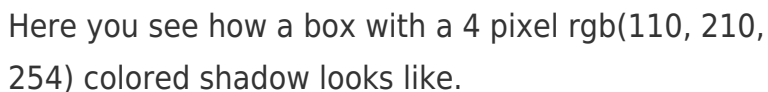
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 210, 254) }
```

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

```
.border{ border-color:rgb(110, 210, 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, 210, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 210, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 210, 254);  
box-shadow:4px 4px 4px 4px rgb(110, 210,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 34.892, 240.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 210, 254) }
```

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

```
.background{ background-color: rgb(110,  
210, 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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