

Converting Colors

CIELCh(74, 40.653, 277.639)

Have a look what the booklet for
CIELCh(74, 40.653, 277.639)
contains.

CIELCh(74, 40.558, 277.730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 40.558, 277.730)

Conversions

Conversions Part 1

Format	Color
Hex	8FB6FF
RGB	143, 182, 255
RGB Percent	56%, 71%, 100%
CMY	0.4378, 0.2850, 0.0000
CMYK	0.44, 0.28, 0.00, 0.00
HSL	219°, 100%, 78%
HSV	219°, 44%, 100%
XYZ	46.2899, 46.7039, 101.4821
YIQ	178.6610, -46.6770, 14.4350

Conversions

Conversions Part 2

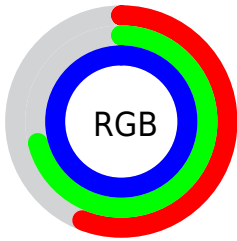
Format	Color
R _Y B	143, 172, 255
Decimal	9418495
CIE Lab	74.00, 5.46, -40.19
CIE LCh	74, 40.558, 277.730
Yxy	46.7039, 0.2380, 0.2402
Android (android.graphics.Color)	4287608575 (0xFF8FB6FF)
YUV	178.6610, 37.6351, -31.2747
Hunter-Lab	68.3403, 1.3104, -40.2047

Details

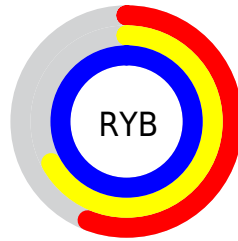
The CIELCh color `74, 40.558, 277.730` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `88, 41.031, 83.987`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 14.786, 235.454`, and `54, 40.804, 278.058` is the 20% darker color. If you saturate the color by 10%, you get `68, 49.997, 280.275`, and if you desaturate by 10%, it is `80, 30.928, 275.348`.

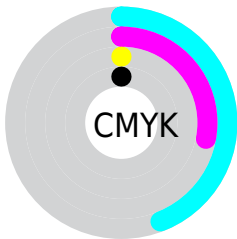
Distribution



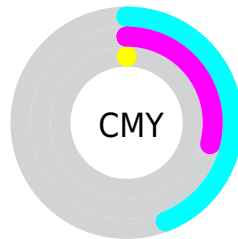
- Red (56%)
- Green (71%)
- Blue (100%)



- Red (56%)
- Yellow (67%)
- Blue (100%)



- Cyan (44%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.558, 277.730 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 74, 40.558, 277.730 by changing the saturation by 10% instead.


 74, 40.558,
277.730


 74, 40.558,
277.730


 100, 40.558,
277.730


 64, 40.558,
277.730


 94, 40.558,
277.730

 54, 40.558,
277.730

 44, 40.558,
277.730

 34, 40.558,
277.730

 24, 40.558,
277.730

 14, 40.558,
277.730

 4, 40.558, 277.730

■ 0, 40.558, 277.730

■ 74, 40.558,
277.730

■ 74, 40.558,
277.730

■ 68, 49.997,
280.275

■ 80, 30.928,
275.348

■ 63, 59.833,
283.321

■ 86, 21.623,
273.408

■ 57, 69.931,
286.738

■ 92, 12.448,
271.762

■ 52, 80.302,
290.426

■ 98, 3.401, 270.410

■ 47, 90.842,
294.202

100, 0.012,
296.813

■ 45, 97.365,
296.437

Harmonies

Complementary

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



74, 40.558, 277.730



88, 41.031, 83.987

Rectangle

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



74, 40.558, 277.730



74, 40.558, 327.730



74, 40.558, 97.730



74, 40.558, 147.730

Sweetspot

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



74, 40.377, 277.623



92, 11.734, 271.644



93, 41.776, 167.897



48, 8.222, 271.979



0, 0.000, 0.000



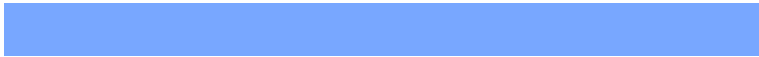
53, 0.007, 296.813

Same Dimension

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



74, 40.377, 277.623



69, 49.236, 280.052



65, 62.212, 300.577



50, 5.121, 271.139



33, 76.999, 295.785



9, 30.882, 290.509

Inverse Universe

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



72, 46.525, 358.051



68, 56.050, 359.836



97, 55.651, 112.797



50, 5.814, 353.489



40, 69.251, 16.703



10, 31.311, 9.064

Previews

White Background



This preview shows how the CIE LCh color 74, 40.558, 277.730 looks on a white background.

Color Contrast Check

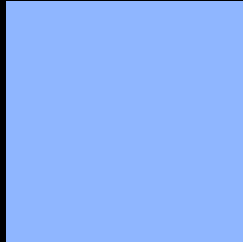
Large Text (above 18pt) WCAG AA × Fail

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 74, 40.558, 277.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

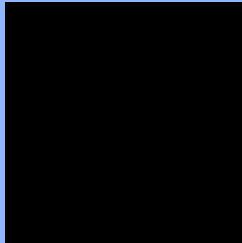
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

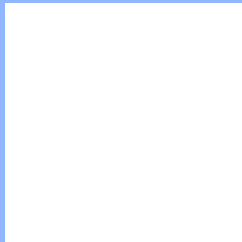
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.558, 277.730

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.558, 277.730.



This preview shows how white text looks on a background with the CIELCh color 74, 40.558, 277.730.

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

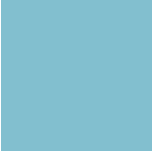
74, 40.558, 277.730

Protanopia

74, 39.755, 285.149

Deuteranopia

74, 41.479, 284.149



Tritanopia
74, 21.089, 222.536

Trichromacy



Original Color
74, 40.558, 277.730

Protanomaly
74, 39.995, 282.314

Deuteranomaly
74, 41.127, 282.011

Tritanomaly
74, 24.891, 250.625

Monochromacy



Original Color
74, 40.558, 277.730

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.294, 273.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.558, 277.730 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(143, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 182, 255)  
}
```

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(143, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 182, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.558, 277.730 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(143, 182, 255) }
```

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

```
.border{ border-color:rgb(143, 182, 255) }
```

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

Here you see how a box with a 4 pixel rgb(143, 182, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 182,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.558, 277.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 182, 255) }
```

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

```
.background{ background-color: rgb(143,  
182, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor