

Converting Colors

CIELCh(76, 64.893, 285.948)

Have a look what the booklet for
CIELCh(76, 64.893, 285.948)
contains.

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Color

CIELCh(74, 40.405, 275.249)

Conversions

Conversions Part 1

Format	Color
Hex	8AB7FF
RGB	138, 183, 255
RGB Percent	54%, 72%, 100%
CMY	0.4573, 0.2809, 0.0000
CMYK	0.46, 0.28, 0.00, 0.00
HSL	217°, 100%, 77%
HSV	217°, 46%, 100%
XYZ	45.6718, 46.7039, 101.5540
YIQ	177.7530, -49.9320, 12.8520

Conversions

Conversions Part 2

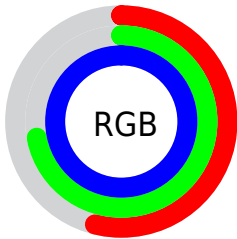
Format	Color
R _Y B	138, 171, 255
Decimal	9091071
CIE Lab	74.00, 3.70, -40.24
CIE LCh	74, 40.405, 275.249
Yxy	46.7039, 0.2355, 0.2408
Android (android.graphics.Color)	4287281151 (0xFF8AB7FF)
YUV	177.7530, 38.0828, -34.8634
Hunter-Lab	68.3403, -0.3041, -40.2670

Details

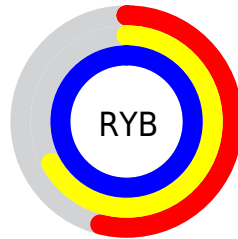
The CIELCh color `74, 40.405, 275.249` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `87, 41.898, 80.526`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 16.068, 229.819`, and `54, 40.622, 275.498` is the 20% darker color. If you saturate the color by 10%, you get `68, 49.235, 277.906`, and if you desaturate by 10%, it is `80, 31.278, 272.719`.

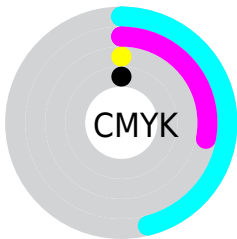
Distribution



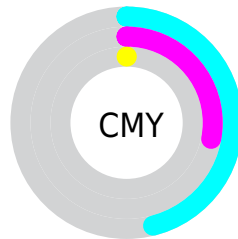
- Red (54%)
- Green (72%)
- Blue (100%)



- Red (54%)
- Yellow (67%)
- Blue (100%)



- Cyan (46%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.405, 275.249 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, 40.405, 275.249 by changing the saturation by 10% instead.

 74, 40.405,
275.249

 74, 40.405,
275.249


 100, 40.405,
275.249


 64, 40.405,
275.249

 94, 40.405,
275.249

 54, 40.405,
275.249

 44, 40.405,
275.249

 34, 40.405,
275.249

 24, 40.405,
275.249

 14, 40.405,
275.249

 4, 40.405, 275.249

■ 0, 40.405, 275.249

■ 74, 40.405,
275.249

■ 74, 40.405,
275.249

■ 68, 49.235,
277.906

■ 80, 31.278,
272.719

■ 63, 58.416,
281.116

■ 85, 22.431,
270.682

■ 58, 67.807,
284.715

■ 91, 13.656,
268.956

■ 53, 77.448,
288.599

■ 97, 4.956, 267.519

■ 49, 87.293,
292.574

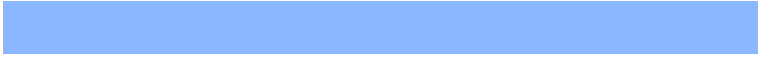
100, 0.012,
296.813

■ 47, 91.532,
294.192

Harmonies

Complementary

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



74, 40.405, 275.249



87, 41.898, 80.526

Rectangle

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



74, 40.405, 275.249



74, 40.405, 325.249



74, 40.405, 95.249



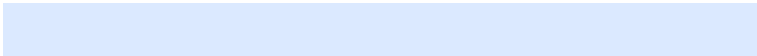
74, 40.405, 145.249

Sweetspot

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



74, 40.204, 275.113



92, 12.149, 268.687



92, 45.291, 164.487



48, 8.395, 269.025



0, 0.000, 0.000



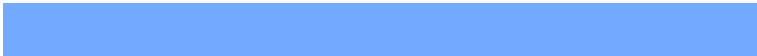
53, 0.007, 296.813

Same Dimension

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



74, 40.204, 275.113



69, 48.575, 277.689



63, 65.162, 299.432



50, 4.926, 268.025



35, 72.372, 293.493



9, 29.052, 287.898

Inverse Universe

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



72, 49.232, 355.855



67, 58.662, 357.631



97, 57.708, 110.399



50, 5.937, 351.128



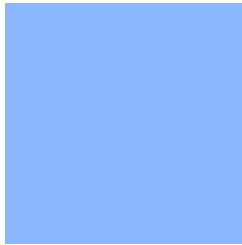
41, 68.526, 13.194



10, 31.284, 6.006

Previews

White Background



This preview shows how the CIE LCh color 74, 40.405, 275.249 looks on a white background.

Color Contrast Check

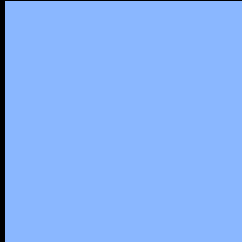
Large Text (above 18pt) WCAG AA × Fail

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, 40.405, 275.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

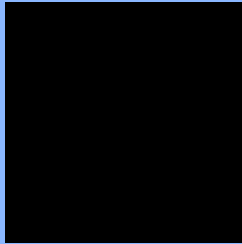
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

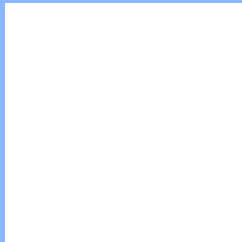
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.405, 275.249

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.405, 275.249.



This preview shows how white text looks on a background with the CIELCh color 74, 40.405, 275.249.

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, 40.405, 275.249

Protanopia

74, 39.227, 284.961

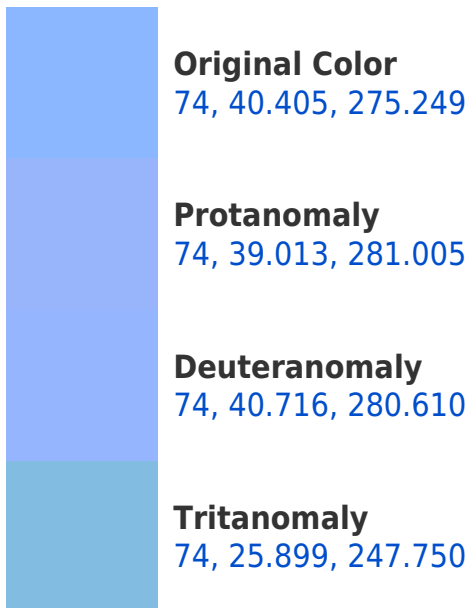
Deuteranopia

74, 41.479, 284.149



Tritanopia
74, 22.579, 220.715

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.405, 275.249 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(138, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 183, 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(138, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 183, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.405, 275.249 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(138, 183, 255) }
```

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

```
.border{ border-color:rgb(138, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 183,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.405, 275.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 183, 255) }
```

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

```
.background{ background-color: rgb(138,  
183, 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](#).

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