

Converting Colors

CIELCh(75, 45.068, 271.382)

Have a look what the booklet for
CIELCh(75, 45.068, 271.382)
contains.

CIELCh(74, 39.467, 266.423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 39.467, 266.423)

Conversions

Conversions Part 1

Format	Color
Hex	7ABBFE
RGB	122, 187, 254
RGB Percent	48%, 73%, 100%
CMY	0.5228, 0.2675, 0.0051
CMYK	0.52, 0.26, 0.00, 0.01
HSL	210°, 98%, 74%
HSV	210°, 52%, 99%
XYZ	43.5508, 46.7039, 100.2415
YIQ	175.2030, -60.2470, 7.0570

Conversions

Conversions Part 2

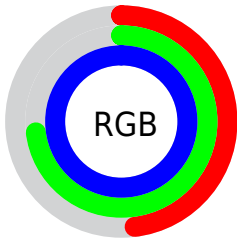
Format	Color
RYB	122, 166, 254
Decimal	8043518
CIELab	74.00, -2.46, -39.39
CIELCh	74, 39.467, 266.423
Yxy	46.7039, 0.2286, 0.2452
Android (android.graphics.Color)	4286233598 (0xFF7ABBFE)
YUV	175.2030, 38.8469, -46.6590
Hunter-Lab	68.3403, -5.8440, -39.1284

Details

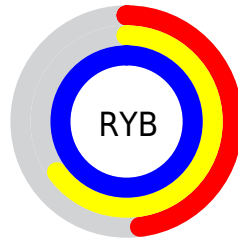
The CIELCh color **74, 39.467, 266.423** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81, 45.671, 69.500**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.561, 215.923**, and **54, 39.496, 266.600** is the 20% darker color. If you saturate the color by 10%, you get **69, 46.682, 269.650**, and if you desaturate by 10%, it is **79, 32.132, 263.681**.

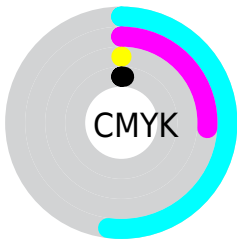
Distribution



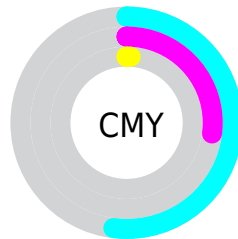
- Red (48%)
- Green (73%)
- Blue (100%)



- Red (48%)
- Yellow (65%)
- Blue (100%)



- Cyan (52%)
- Magenta (26%)
- Yellow (0%)
- Black (1%)



- Cyan (52%)
- Magenta (27%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 39.467, 266.423 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, 39.467, 266.423 by changing the saturation by 10% instead.

 74, 39.467,
266.423

 74, 39.467,
266.423


 100, 39.467,
266.423


 64, 39.467,
266.423

 94, 39.467,
266.423

 54, 39.467,
266.423

 44, 39.467,
266.423

 34, 39.467,
266.423

 24, 39.467,
266.423

 14, 39.467,
266.423

 4, 39.467, 266.423

0, 39.467, 266.423

74, 39.467,
266.423

74, 39.467,
266.423

69, 46.682,
269.650

79, 32.132,
263.681

65, 53.837,
273.377

84, 24.663,
261.373

61, 61.024,
277.561

89, 17.067,
259.441

57, 68.362,
282.068

94, 9.369, 257.832

54, 74.390,
285.676

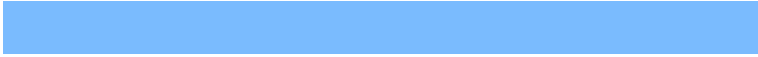
99, 1.596, 256.683

100, 0.643,
110.009

Harmonies

Complementary

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



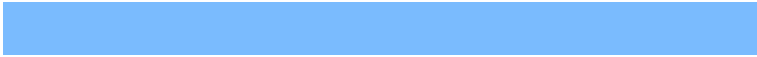
74, 39.467, 266.423



81, 45.671, 69.500

Rectangle

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



74, 39.467, 266.423



74, 39.467, 316.423



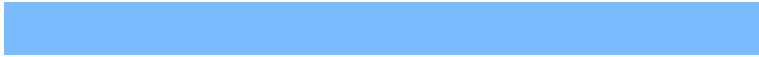
74, 39.467, 86.423



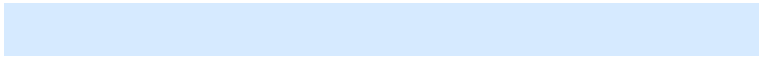
74, 39.467, 136.423

Sweetspot

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



74, 39.466, 266.423



92, 12.483, 258.434



91, 55.198, 158.010



48, 8.419, 258.766



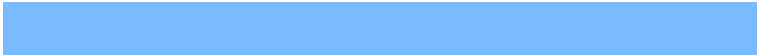
0, 0.000, 0.000



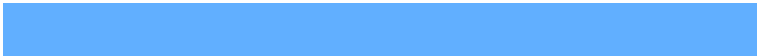
53, 0.007, 296.813

Same Dimension

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



74, 39.466, 266.423



70, 46.849, 269.643



57, 74.816, 298.013



51, 4.450, 257.475



41, 59.119, 284.856



12, 24.030, 278.356

Inverse Universe

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



68, 58.110, 349.851



64, 67.754, 351.639



97, 64.466, 105.225



50, 6.353, 344.785



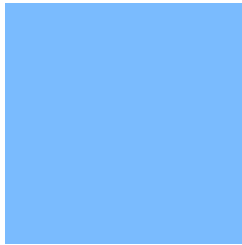
41, 68.179, 2.771



10, 31.805, 357.064

Previews

White Background



This preview shows how the CIE LCh color 74, 39.467, 266.423 looks on a white background.

Color Contrast Check

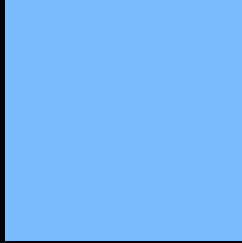
Large Text (above 18pt) WCAG AA × Fail

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, 39.467, 266.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

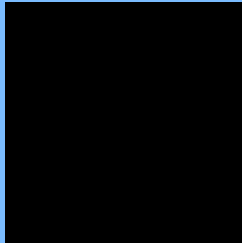
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

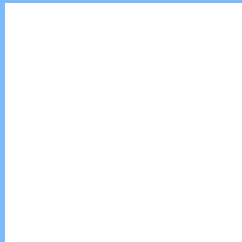
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 39.467, 266.423

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.467, 266.423.



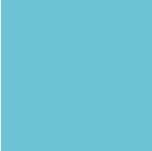
This preview shows how white text looks on a background with the CIELCh color 74, 39.467, 266.423.

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
74, 27.461, 216.148

Trichromacy



Original Color
74, 39.490, 266.481

Protanomaly
74, 37.265, 277.403

Deuteranomaly
74, 40.558, 277.730

Tritanomaly
74, 29.218, 238.902

Monochromacy



Original Color
74, 39.490, 266.481

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.466, 261.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.467, 266.423 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(122, 187, 254)` looks like.

```
.text, #text, p{  
    color:rgb(122, 187, 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(122, 187, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 187, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.467, 266.423 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(122, 187, 254) }
```

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

```
.border{ border-color:rgb(122, 187, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 187, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 187, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 187, 254); box-shadow:4px 4px 4px 4px rgb(122, 187, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.467, 266.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 187, 254) }
```

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

```
.background{ background-color: rgb(122,  
187, 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](#).

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