

Converting Colors

CIELCh(74, 40.861, 260.391)

Have a look what the booklet for
CIELCh(74, 40.861, 260.391)
contains.

CIELCh(74, 40.861, 260.391)	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, 40.861, 260.391)

Conversions

Conversions Part 1

Format	Color
Hex	68BDFF
RGB	104, 189, 255
RGB Percent	41%, 74%, 100%
CMY	0.5910, 0.2578, 0.0000
CMYK	0.59, 0.26, 0.00, 0.00
HSL	206°, 100%, 70%
HSV	206°, 59%, 100%
XYZ	42.0902, 46.7039, 101.6353
YIQ	171.1090, -71.8460, 2.5060

Conversions

Conversions Part 2

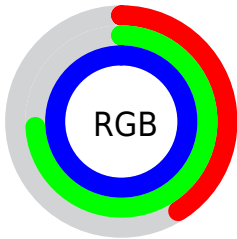
Format	Color
RYB	104, 158, 255
Decimal	6864383
CIELab	74.00, -6.82, -40.29
CIELCh	74, 40.861, 260.391
Yxy	46.7039, 0.2210, 0.2453
Android (android.graphics.Color)	4285054463 (0xFF68BDFF)
YUV	171.1090, 41.3583, -58.8546
Hunter-Lab	68.3403, -9.6589, -40.3376

Details

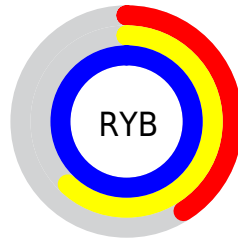
The CIELCh color **74, 40.861, 260.391** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **77, 52.473, 61.707**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 25.261, 209.819**, and **54, 40.829, 260.373** is the 20% darker color. If you saturate the color by 10%, you get **70, 46.709, 263.867**, and if you desaturate by 10%, it is **78, 34.508, 257.183**.

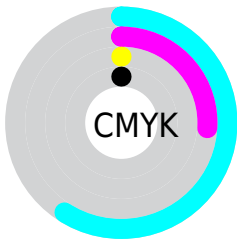
Distribution



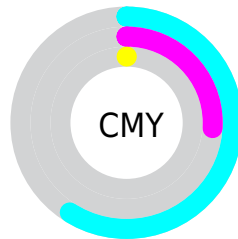
- Red (41%)
- Green (74%)
- Blue (100%)



- Red (41%)
- Yellow (62%)
- Blue (100%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (59%)
- Magenta (26%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.861, 260.391 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, 40.861, 260.391 by changing the saturation by 10% instead.


 74, 40.861,
260.391


 74, 40.861,
260.391


 100, 40.861,
260.391


 64, 40.861,
260.391


 94, 40.861,
260.391

 54, 40.861,
260.391

 44, 40.861,
260.391

 34, 40.861,
260.391

 24, 40.861,
260.391

 14, 40.861,
260.391

 4, 40.861, 260.391

■ 0, 40.861, 260.391

■ 74, 40.861,
260.391

■ 74, 40.861,
260.391

■ 70, 46.709,
263.867

■ 78, 34.508,
257.183

■ 66, 52.477,
268.059

■ 82, 27.969,
254.635

■ 63, 58.189,
272.739

■ 87, 21.141,
252.529

■ 59, 64.025,
277.676

■ 91, 14.061,
250.796

■ 59, 64.570,
278.105

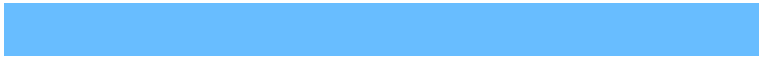
■ 96, 6.775, 249.389

100, 0.012,
296.813

Harmonies

Complementary

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



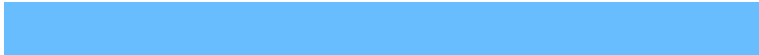
74, 40.861, 260.391



77, 52.473, 61.707

Rectangle

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



74, 40.861, 260.391



74, 40.861, 310.391



74, 40.861, 80.391



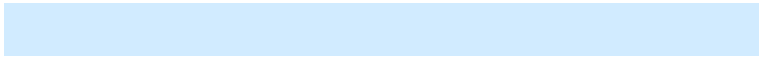
74, 40.861, 130.391

Sweetspot

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



74, 40.746, 260.243



92, 13.271, 250.626



90, 65.653, 153.690



48, 9.189, 251.085



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, 40.746, 260.243



69, 47.818, 264.622



54, 80.266, 297.196



51, 4.232, 249.440



45, 51.204, 277.191



13, 21.174, 270.182

Inverse Universe

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



66, 67.528, 346.628



61, 77.132, 348.733



95, 68.496, 101.307



50, 6.666, 341.082



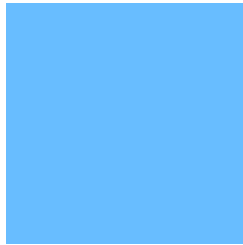
42, 69.359, 356.184



11, 32.611, 351.593

Previews

White Background



This preview shows how the CIELCh color 74, 40.861, 260.391 looks on a white background.

Color Contrast Check

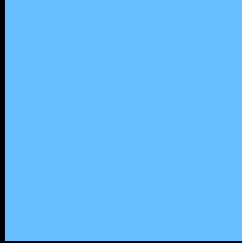
Large Text (above 18pt) WCAG AA × Fail

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, 40.861, 260.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

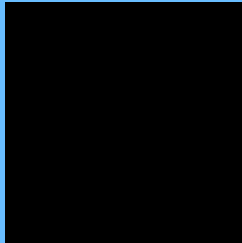
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

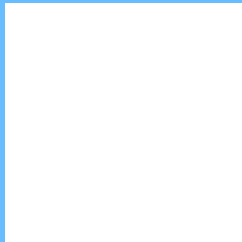
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.861, 260.391

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.861, 260.391.

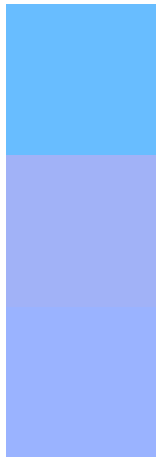


This preview shows how white text looks on a background with the CIELCh color 74, 40.861, 260.391.

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, 40.861, 260.391

Protanopia

74, 37.576, 285.720

Deuteranopia

74, 41.518, 283.769



Tritanopia
74, 32.023, 213.115

Trichromacy



Original Color
74, 40.861, 260.391

Protanomaly
74, 38.238, 274.995

Deuteranomaly
74, 40.542, 274.561

Tritanomaly
74, 32.444, 232.672

Monochromacy



Original Color
74, 40.861, 260.391

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 16.428, 252.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.861, 260.391 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(104, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(104, 189, 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(104, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 189, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.861, 260.391 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(104, 189, 255) }
```

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

```
.border{ border-color:rgb(104, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(104, 189,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.861, 260.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 189, 255) }
```

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

```
.background{ background-color: rgb(104,  
189, 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