

Converting Colors

CIELCh(74, 40.566, 303.538)

Have a look what the booklet for
CIELCh(74, 40.566, 303.538)
contains.

CIELCh(74, 40.304, 303.441)	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, 40.304, 303.441)

Conversions

Conversions Part 1

Format	Color
Hex	C0ABF4
RGB	192, 171, 244
RGB Percent	75%, 67%, 96%
CMY	0.2482, 0.3305, 0.0443
CMYK	0.21, 0.30, 0.00, 0.04
HSL	257°, 76%, 81%
HSV	257°, 30%, 96%
XYZ	52.4602, 46.7039, 91.6021
YIQ	185.6010, -10.9170, 27.1550

Conversions

Conversions Part 2

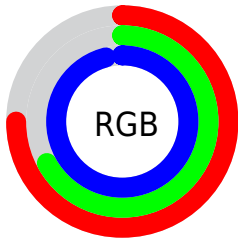
Format	Color
R _Y B	192, 171, 244
Decimal	12626932
CIE Lab	74.00, 22.21, -33.63
CIE LCh	74, 40.304, 303.441
Yxy	46.7039, 0.2750, 0.2448
Android (android.graphics.Color)	4290817012 (0xFFC0ABF4)
YUV	185.6010, 28.7907, 5.6119
Hunter-Lab	68.3403, 17.4269, -31.6330

Details

The CIELCh color $74, 40.304, 303.441$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $93, 37.894, 119.548$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 17.065, 319.095$, and $54, 40.350, 303.113$ is the 20% darker color. If you saturate the color by 10%, you get $67, 54.661, 304.323$, and if you desaturate by 10%, it is $81, 26.373, 302.646$.

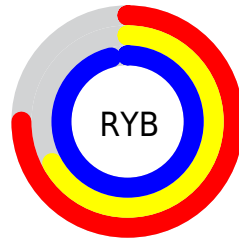
Distribution



Red (75%)

Green (67%)

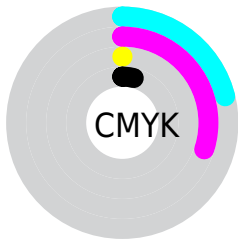
Blue (96%)



Red (75%)

Yellow (67%)

Blue (96%)

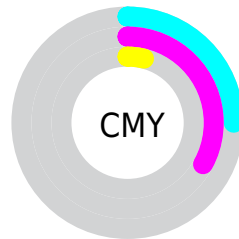


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (25%)


Magenta (33%)


Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.304, 303.441 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, 40.304, 303.441 by changing the saturation by 10% instead.


 74, 40.304,
303.441


 74, 40.304,
303.441


 100, 40.304,
303.441


 64, 40.304,
303.441


 94, 40.304,
303.441

 54, 40.304,
303.441

 44, 40.304,
303.441

 34, 40.304,
303.441

 24, 40.304,
303.441

 14, 40.304,
303.441

 4, 40.304, 303.441

■ 0, 40.304, 303.441

■ 74, 40.304,
303.441

■ 74, 40.304,
303.441

■ 67, 54.661,
304.323

■ 81, 26.373,
302.646

■ 60, 69.320,
305.274

■ 89, 12.918,
301.941

■ 53, 83.990,
306.248

■ 96, 0.059, 122.197

■ 46, 98.095,
307.160

■ 100, 5.716,
109.737

■ 41, 110.636,
307.867

■ 36, 120.207,
308.181

■ 34, 125.966,
308.020

■ 34, 125.993,
308.019

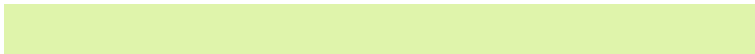
Harmonies

Complementary

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



74, 40.304, 303.441



93, 37.894, 119.548

Rectangle

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



74, 40.304, 303.441



74, 40.304, 353.441



74, 40.304, 123.441



74, 40.304, 173.441

Sweetspot

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



74, 40.302, 303.441



93, 12.108, 301.881



86, 19.628, 232.252



49, 8.435, 301.977



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, 40.302, 303.441



72, 50.789, 303.973



77, 43.683, 319.633



47, 7.403, 301.911



25, 102.729, 308.164



4, 40.800, 306.352

Inverse Universe

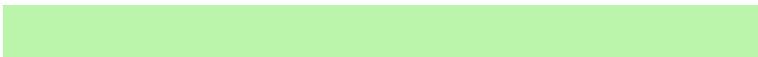
The Inverse Universe completely reimagines the original color for something new.



78, 37.860, 335.940



78, 47.081, 336.437



91, 43.030, 136.746



48, 7.162, 334.402



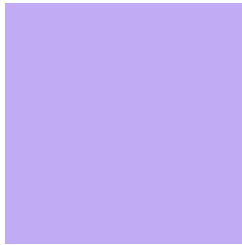
41, 73.447, 343.990



10, 33.508, 341.339

Previews

White Background



This preview shows how the CIELCh color 74, 40.304, 303.441 looks on a white background.

Color Contrast Check

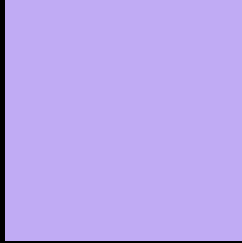
Large Text (above 18pt) WCAG AA × Fail

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, 40.304, 303.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

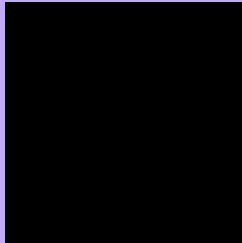
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.304, 303.441

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.304, 303.441.



This preview shows how white text looks on a background with the CIELCh color 74, 40.304, 303.441.

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, 40.304, 303.441

Protanopia

74, 38.631, 285.619

Deuteranopia

74, 34.231, 286.531



Tritanopia
74, 7.685, 299.030

Trichromacy



Original Color
74, 40.304, 303.441

Protanomaly
74, 39.015, 291.959

Deuteranomaly
74, 36.323, 293.040

Tritanomaly
74, 19.305, 301.293

Monochromacy



Original Color
74, 40.304, 303.441

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 14.336, 301.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.304, 303.441 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(192, 171, 244)` looks like.

```
.text, #text, p{  
    color:rgb(192, 171, 244)  
}
```

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(192, 171, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 171, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.304, 303.441 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(192, 171, 244) }
```

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

```
.border{ border-color:rgb(192, 171, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 171, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 171, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 171, 244);  
box-shadow:4px 4px 4px 4px rgb(192, 171,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.304, 303.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 171, 244) }
```

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

```
.background{ background-color: rgb(192,  
171, 244) }
```

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