

Converting Colors

CIELCh(74, 40.345, 298.346)

Have a look what the booklet for
CIELCh(74, 40.345, 298.346)
contains.

CIELCh(74, 40.344, 298.345)	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, 40.344, 298.345)

Conversions

Conversions Part 1

Format	Color
Hex	B7ADF7
RGB	183, 173, 247
RGB Percent	72%, 68%, 97%
CMY	0.2821, 0.3213, 0.0311
CMYK	0.26, 0.30, 0.00, 0.03
HSL	248°, 82%, 82%
HSV	248°, 30%, 97%
XYZ	51.2962, 46.7039, 94.3585
YIQ	184.4260, -17.7940, 25.1340

Conversions

Conversions Part 2

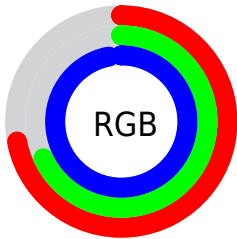
Format	Color
RYB	183, 173, 247
Decimal	12037623
CIELab	74.00, 19.15, -35.51
CIELCh	74, 40.344, 298.345
Yxy	46.7039, 0.2667, 0.2428
Android (android.graphics.Color)	4290227703 (0xFFB7ADF7)
YUV	184.4260, 30.8490, -1.2506
Hunter-Lab	68.3403, 14.3866, -34.0245

Details

The CIELCh color `74, 40.344, 298.345` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `95, 37.581, 113.163`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 14.636, 307.609`, and `54, 39.938, 297.995` is the 20% darker color. If you saturate the color by 10%, you get `66, 54.898, 299.608`, and if you desaturate by 10%, it is `82, 26.336, 297.243`.

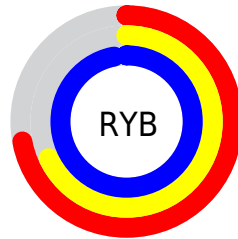
Distribution



Red (72%)

Green (68%)

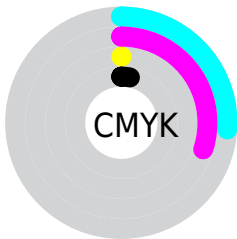
Blue (97%)



Red (72%)

Yellow (68%)

Blue (97%)

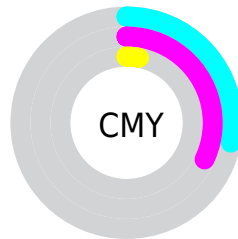


Cyan (26%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (28%)


Magenta (32%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.344, 298.345 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, 40.344, 298.345 by changing the saturation by 10% instead.


 74, 40.344,
298.345


 74, 40.344,
298.345


 100, 40.344,
298.345


 64, 40.344,
298.345


 94, 40.344,
298.345

 54, 40.344,
298.345

 44, 40.344,
298.345

 34, 40.344,
298.345

 24, 40.344,
298.345

 14, 40.344,
298.345

 4, 40.344, 298.345

■ 0, 40.344, 298.345

■ 74, 40.344,
298.345

■ 74, 40.344,
298.345

■ 66, 54.898,
299.608

■ 82, 26.336,
297.243

■ 59, 69.933,
301.025

■ 90, 12.880,
296.293

■ 51, 85.215,
302.555

■ 97, 0.049, 115.166

■ 45, 100.181,
304.094

■ 100, 4.013,
109.859

■ 39, 113.686,
305.453

■ 34, 123.951,
306.368

■ 32,129.736,
306.709

■ 32,129.759,
306.711

Harmonies

Complementary

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



74, 40.344, 298.345



95, 37.581, 113.163

Rectangle

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



74, 40.344, 298.345



74, 40.344, 348.345



74, 40.344, 118.345



74, 40.344, 168.345

Sweetspot

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



74, 40.342, 298.345



93, 11.929, 296.211



90, 21.016, 212.374



48, 8.312, 296.339



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, 40.342, 298.345



71, 50.362, 299.097



77, 42.821, 314.896



47, 7.294, 296.252



23, 104.777, 306.795



3, 40.312, 302.845

Inverse Universe

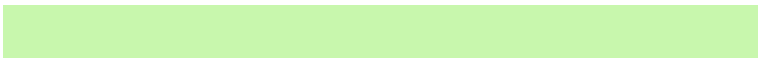
The Inverse Universe completely reimagines the original color for something new.



80, 42.528, 330.179



78, 52.235, 330.561



93, 41.598, 132.195



48, 7.980, 328.903



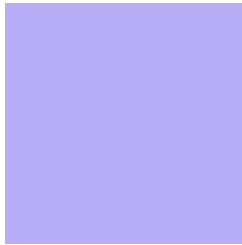
43, 82.064, 334.465



10, 36.996, 333.532

Previews

White Background



This preview shows how the CIELCh color 74, 40.344, 298.345 looks on a white background.

Color Contrast Check

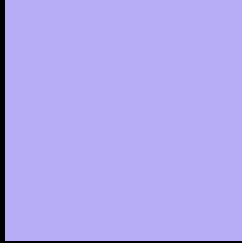
Large Text (above 18pt) WCAG AA × Fail

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, 40.344, 298.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

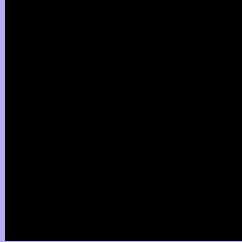
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.344, 298.345

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.344, 298.345.



This preview shows how white text looks on a background with the CIELCh color 74, 40.344, 298.345.

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, 40.344, 298.345

Protanopia

74, 39.721, 285.560

Deuteranopia

74, 36.417, 286.251



Tritanopia
74, 8.297, 265.564

Trichromacy



Original Color
74, 40.344, 298.345

Protanomaly
74, 39.561, 289.831

Deuteranomaly
74, 37.382, 290.769

Tritanomaly
74, 19.519, 290.018

Monochromacy



Original Color
74, 40.344, 298.345

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 14.719, 297.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.344, 298.345 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(183, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(183, 173, 247)  
}
```

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(183, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.344, 298.345 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(183, 173, 247) }
```

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

```
.border{ border-color:rgb(183, 173, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 173, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.344, 298.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 247) }
```

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

```
.background{ background-color: rgb(183,  
173, 247) }
```

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