

Converting Colors

CIELCh(40, 73.816, 308.895)

Have a look what the booklet for
CIELCh(40, 73.816, 308.895)
contains.

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Color

CIELCh(40, 74.045, 308.806)

Conversions

Conversions Part 1

Format	Color
Hex	7143BE
RGB	113, 67, 190
RGB Percent	44%, 26%, 75%
CMY	0.5567, 0.7371, 0.2547
CMYK	0.41, 0.65, 0.00, 0.25
HSL	262°, 49%, 50%
HSV	262°, 65%, 75%
XYZ	18.1226, 11.2510, 49.9540
YIQ	94.7760, -12.0670, 48.0050

Conversions

Conversions Part 2

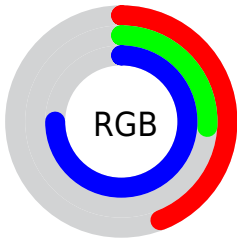
Format	Color
RYB	113, 67, 190
Decimal	7422910
CIELab	40.00, 46.40, -57.70
CIELCh	40, 74.045, 308.806
Yxy	11.2510, 0.2285, 0.1418
Android (android.graphics.Color)	4285612990 (0xFF7143BE)
YUV	94.7760, 46.9454, 15.9824
Hunter-Lab	33.5425, 37.7421, -64.8195

Details

The CIELCh color **40, 74.045, 308.806** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **72, 64.833, 121.587**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 73.751, 308.841**, and **20, 74.090, 308.768** is the 20% darker color. If you saturate the color by 10%, you get **35, 84.780, 309.371**, and if you desaturate by 10%, it is **45, 62.456, 308.108**.

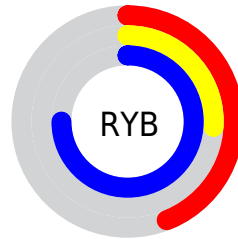
Distribution



Red (44%)

Green (26%)

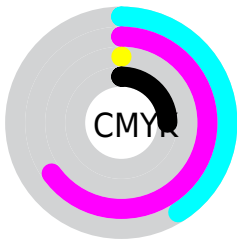
Blue (75%)



Red (44%)

Yellow (26%)

Blue (75%)

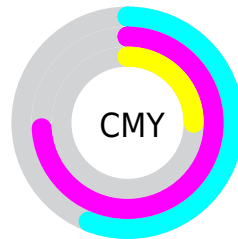


Cyan (41%)

Magenta (65%)

Yellow (0%)

Black (25%)



Cyan (56%)


Magenta (74%)


Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 74.045, 308.806 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 40, 74.045, 308.806 by changing the saturation by 10% instead.


 40, 74.045,
308.806


 40, 74.045,
308.806


 100, 74.045,
308.806

 30, 74.045,
308.806

 60, 74.045,
308.806


 20, 74.045,
308.806

 70, 74.045,
308.806

 10, 74.045,
308.806

 80, 74.045,
308.806

 0, 74.045, 308.806

 90, 74.045,
308.806

 40, 74.045,

 40, 74.045,

308.806

■ 35, 84.780,
309.371

■ 31, 93.806,
309.667

■ 28, 100.142,
309.545

■ 27, 102.714,
309.399

308.806

■ 45, 62.456,
308.108

■ 51, 50.588,
307.367

■ 57, 38.777,
306.641

■ 62, 27.199,
305.961

■ 68, 15.942,
305.341

■ 74, 5.037, 304.777

■ 80, 5.508, 124.315

■ 86, 15.700,
123.878

■ 92, 25.554,
123.502

Harmonies

Complementary

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



40, 74.045, 308.806



72, 64.833, 121.587

Rectangle

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



40, 74.045, 308.806



40, 74.045, 358.806



40, 74.045, 128.806



40, 74.045, 178.806

Sweetspot

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



40, 74.045, 308.807



83, 25.668, 305.617



57, 32.089, 252.125



43, 17.892, 305.799



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



40, 74.045, 308.807



44, 108.668, 309.548



48, 74.828, 323.382



37, 6.047, 305.032



22, 89.487, 309.543



2, 17.781, 300.986

Inverse Universe

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



48, 59.337, 343.650



58, 81.879, 345.993



69, 74.402, 136.398



37, 5.434, 338.085



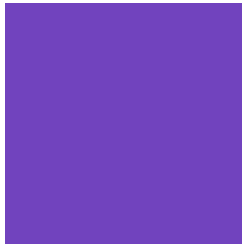
34, 62.032, 350.332



3, 15.151, 344.132

Previews

White Background



This preview shows how the CIELCh color 40, 74.045, 308.806 looks on a white background.

Color Contrast Check

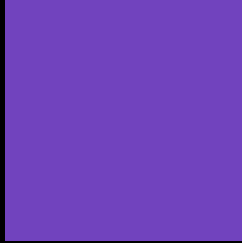
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 40, 74.045, 308.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

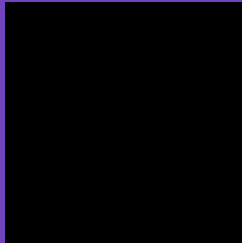
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 74.045, 308.806

Background



This preview shows how black text looks on a background with the CIELCh color 40, 74.045, 308.806.



This preview shows how white text looks on a background with the CIELCh color 40, 74.045, 308.806.

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


40, 74.045, 308.806

Protanopia

40, 62.161, 286.885

Deuteranopia

40, 45.407, 275.734



Tritanopia
40, 4.282, 285.400

Trichromacy



Original Color
40, 74.045, 308.806

Protanomaly
38, 66.968, 292.904

Deuteranomaly
38, 55.855, 288.751

Tritanomaly
39, 30.649, 305.166

Monochromacy



Original Color
40, 74.045, 308.806

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 28.314, 306.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 74.045, 308.806 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(113, 67, 190)` looks like.

```
.text, #text, p{  
    color:rgb(113, 67, 190)  
}
```

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(113, 67, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 67, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 74.045, 308.806 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(113, 67, 190) }
```

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

```
.border{ border-color:rgb(113, 67, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 67, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 67, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 67, 190);  
box-shadow:4px 4px 4px 4px rgb(113, 67,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 74.045, 308.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 67, 190) }
```

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

```
.background{ background-color: rgb(113, 67,  
190) }
```

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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