

Converting Colors

CIELCh(71, 38.844, 303.838)

Have a look what the booklet for
CIELCh(71, 38.844, 303.838)
contains.

CIELCh(71, 39.034, 303.859)	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(71, 39.034, 303.859)

Conversions

Conversions Part 1

Format	Color
Hex	B8A3E9
RGB	184, 163, 233
RGB Percent	72%, 64%, 91%
CMY	0.2790, 0.3613, 0.0869
CMYK	0.21, 0.30, 0.00, 0.09
HSL	258°, 61%, 78%
HSV	258°, 30%, 91%
XYZ	47.4867, 42.1875, 82.6126
YIQ	177.2590, -9.9540, 26.2220

Conversions

Conversions Part 2

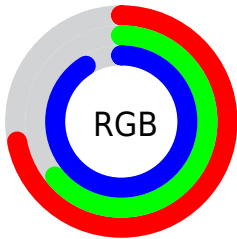
Format	Color
RYB	184, 163, 233
Decimal	12100585
CIELab	71.00, 21.75, -32.41
CIELCh	71, 39.034, 303.859
Yxy	42.1875, 0.2756, 0.2449
Android (android.graphics.Color)	4290290665 (0xFFB8A3E9)
YUV	177.2590, 27.4803, 5.9119
Hunter-Lab	64.9519, 16.8365, -29.9449

Details

The CIELCh color $71, 39.034, 303.859$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $89, 36.732, 120.045$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 20.915, 313.811$, and $51, 39.133, 304.023$ is the 20% darker color. If you saturate the color by 10%, you get $64, 52.869, 304.713$, and if you desaturate by 10%, it is $78, 25.597, 303.086$.

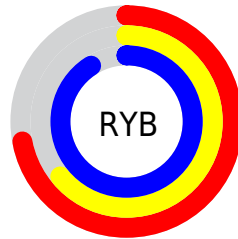
Distribution



Red (72%)

Green (64%)

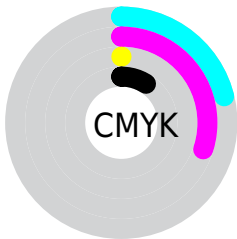
Blue (91%)



Red (72%)

Yellow (64%)

Blue (91%)

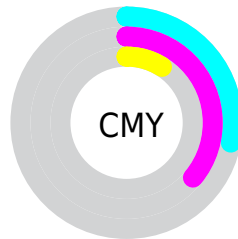


Cyan (21%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (28%)


Magenta (36%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 39.034, 303.859 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 71, 39.034, 303.859 by changing the saturation by 10% instead.


 71, 39.034,
303.859


 71, 39.034,
303.859


 100, 39.034,
303.859


 61, 39.034,
303.859


 91, 39.034,
303.859

 51, 39.034,
303.859

 41, 39.034,
303.859

 31, 39.034,
303.859

 21, 39.034,
303.859

 11, 39.034,
303.859

 1, 39.034, 303.859

■ 0, 39.034, 303.859

■ 71, 39.034,
303.859

■ 71, 39.034,
303.859

■ 64, 52.869,
304.713

■ 78, 25.597,
303.086

■ 57, 66.979,
305.630

■ 85, 12.611,
302.399

■ 51, 81.078,
306.565

■ 92, 0.082, 301.138

■ 44, 94.615,
307.433

■ 99, 11.445,
120.094

■ 39, 106.639,
308.095

■ 99, 11.215,
109.329

■ 35, 115.832,
308.370

■ 32, 121.441,
308.194

Harmonies

Complementary

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



71, 39.034, 303.859



89, 36.732, 120.045

Rectangle

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



71, 39.034, 303.859



71, 39.034, 353.859



71, 39.034, 123.859



71, 39.034, 173.859

Sweetspot

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



71, 39.032, 303.859



93, 12.128, 302.334



83, 18.984, 232.257



49, 8.448, 302.428



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 39.032, 303.859



73, 50.838, 304.373



74, 42.256, 319.634



45, 7.160, 302.361



24, 100.397, 308.339



3, 36.653, 305.171

Inverse Universe

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



75, 36.314, 336.471



78, 46.691, 336.977



87, 41.623, 136.744



46, 6.855, 334.901



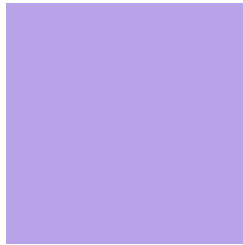
40, 71.401, 344.849



8, 31.481, 341.747

Previews

White Background



This preview shows how the CIELCh color 71, 39.034, 303.859 looks on a white background.

Color Contrast Check

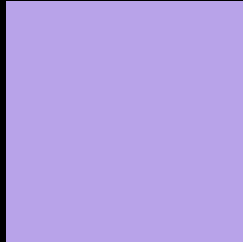
Large Text (above 18pt) WCAG AA × Fail

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 71, 39.034, 303.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

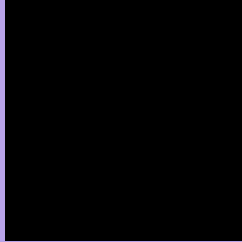
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 39.034, 303.859

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.034, 303.859.




This preview shows how white text looks on a background with the CIELCh color 71, 39.034, 303.859.

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
71, 7.750, 299.051

Trichromacy



Original Color
71, 39.034, 303.859

Protanomaly
71, 37.709, 292.350

Deuteranomaly
71, 35.000, 293.525

Tritanomaly
71, 18.928, 301.579

Monochromacy



Original Color
71, 39.034, 303.859

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 13.919, 301.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.034, 303.859 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(184, 163, 233)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 233)  
}
```

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(184, 163, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.034, 303.859 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(184, 163, 233) }
```

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

```
.border{ border-color:rgb(184, 163, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 163, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 233);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.034, 303.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 233) }
```

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

```
.background{ background-color: rgb(184,  
163, 233) }
```

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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