

Converting Colors

CIELCh(39, 74.136, 307.547)

Have a look what the booklet for
CIELCh(39, 74.136, 307.547)
contains.

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Color

CIELCh(39, 74.210, 307.572)

Conversions

Conversions Part 1

Format	Color
Hex	6A42BD
RGB	106, 66, 189
RGB Percent	42%, 26%, 74%
CMY	0.5838, 0.7408, 0.2584
CMYK	0.44, 0.65, 0.00, 0.26
HSL	260°, 48%, 50%
HSV	260°, 65%, 74%
XYZ	17.1100, 10.6589, 49.3662
YIQ	91.9820, -15.6430, 46.7330

Conversions

Conversions Part 2

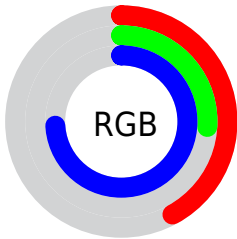
Format	Color
R_{YB}	106, 66, 189
Decimal	6963901
CIE Lab	39.00, 45.25, -58.82
CIE LCh	39, 74.210, 307.572
Yxy	10.6589, 0.2218, 0.1382
Android (android.graphics.Color)	4285153981 (0xFF6A42BD)
YUV	91.9820, 47.8299, 12.2938
Hunter-Lab	32.6480, 36.4130, -66.7972

Details

The CIELCh color **39, 74.210, 307.572** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **72, 64.097, 119.569**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 74.295, 307.669**, and **19, 74.319, 307.490** is the 20% darker color. If you saturate the color by 10%, you get **34, 85.115, 308.280**, and if you desaturate by 10%, it is **44, 62.513, 306.742**.

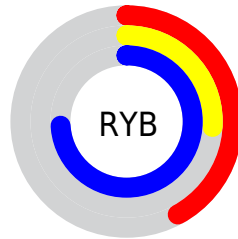
Distribution



Red (42%)

Green (26%)

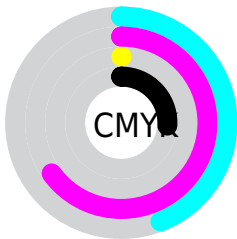
Blue (74%)



Red (42%)

Yellow (26%)

Blue (74%)

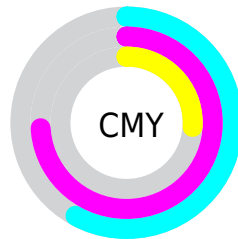


Cyan (44%)

Magenta (65%)

Yellow (0%)

Black (26%)



Cyan (58%)


Magenta (74%)

Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 74.210, 307.572 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 39, 74.210, 307.572 by changing the saturation by 10% instead.


 39, 74.210,
307.572

 39, 74.210,
307.572

 100, 74.210,
307.572


 29, 74.210,
307.572

 59, 74.210,
307.572

 19, 74.210,
307.572

 69, 74.210,
307.572

 9, 74.210, 307.572

 79, 74.210,
307.572

 0, 74.210, 307.572

 89, 74.210,
307.572

 99, 74.210,
307.572

39, 74.210,
307.572

39, 74.210,
307.572

34, 85.115,
308.280

44, 62.513,
306.742

30, 94.327,
308.719

50, 50.606,
305.887

27, 100.779,
308.719

56, 38.812,
305.067

26, 103.282,
308.655

62, 27.293,
304.309

68, 16.121,
303.626

74, 5.319, 303.015

80, 5.112, 122.506

85, 15.184,
122.037

■ 91, 24.915,
121.636

Harmonies

Complementary

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



39, 74.210, 307.572



72, 64.097, 119.569

Rectangle

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



39, 74.210, 307.572



39, 74.210, 357.572



39, 74.210, 127.572



39, 74.210, 177.572

Sweetspot

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



39, 74.210, 307.573



82, 26.663, 303.977



59, 30.711, 244.512



41, 18.270, 304.173



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



39, 74.210, 307.573



43, 108.336, 308.507



47, 74.575, 321.815



37, 6.003, 303.271



21, 90.313, 308.784



1, 17.702, 299.622

Inverse Universe

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



48, 61.083, 341.003



57, 83.539, 342.937



69, 73.442, 135.334



37, 5.626, 335.941



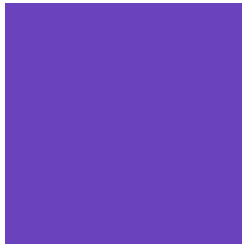
35, 63.724, 346.499



3, 15.743, 341.267

Previews

White Background



This preview shows how the CIELCh color 39, 74.210, 307.572 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 CIE LCh color 39, 74.210, 307.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

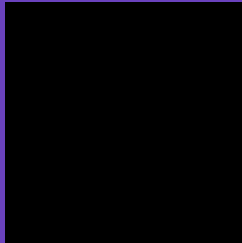
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 74.210, 307.572

Background



This preview shows how black text looks on a background with the CIELCh color 39, 74.210, 307.572.

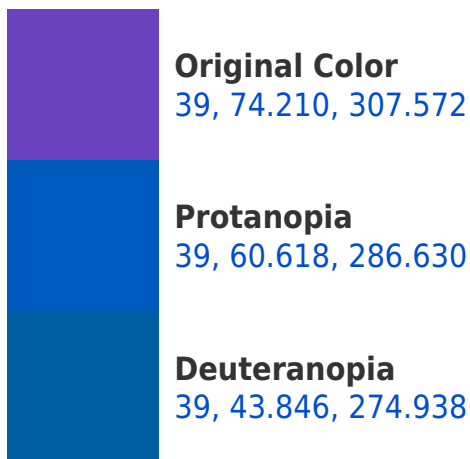


This preview shows how white text looks on a background with the CIELCh color 39, 74.210, 307.572.

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](#).

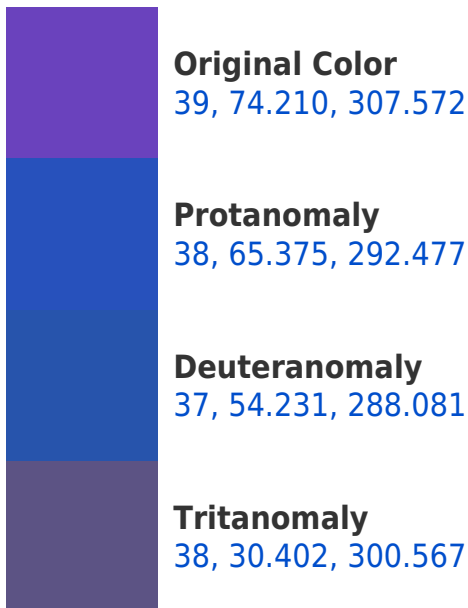
Dichromacy





Tritanopia
39, 5.518, 250.303

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 74.210, 307.572 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(106, 66, 189)` looks like.

```
.text, #text, p{  
    color:rgb(106, 66, 189)  
}
```

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(106, 66, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 66, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 74.210, 307.572 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(106, 66, 189) }
```

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

```
.border{ border-color:rgb(106, 66, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 66, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 66, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 66, 189);  
box-shadow:4px 4px 4px 4px rgb(106, 66,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 74.210, 307.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 66, 189) }
```

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

```
.background{ background-color: rgb(106, 66,  
189) }
```

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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