

Converting Colors

CIELCh(39, 82.036, 308.094)

Have a look what the booklet for
CIELCh(39, 82.036, 308.094)
contains.

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Color

CIELCh(39, 82.340, 308.108)

Conversions

Conversions Part 1

Format	Color
Hex	6B3DC7
RGB	107, 61, 199
RGB Percent	42%, 24%, 78%
CMY	0.5790, 0.7596, 0.2182
CMYK	0.46, 0.69, 0.00, 0.22
HSL	260°, 55%, 51%
HSV	260°, 69%, 78%
XYZ	18.1420, 10.6589, 55.3484
YIQ	90.4860, -16.8820, 52.6700

Conversions

Conversions Part 2

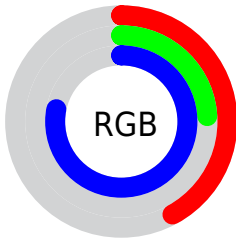
Format	Color
R _Y B	107, 61, 199
Decimal	7028167
CIE Lab	39.00, 50.82, -64.79
CIE LCh	39, 82.340, 308.108
Yxy	10.6589, 0.2156, 0.1267
Android (android.graphics.Color)	4285218247 (0xFF6B3DC7)
YUV	90.4860, 53.4974, 14.4828
Hunter-Lab	32.6480, 42.0554, -77.6611

Details

The CIELCh color **39, 82.340, 308.108** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **75, 70.402, 119.869**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 81.358, 308.183**, and **19, 82.336, 308.058** is the 20% darker color. If you saturate the color by 10%, you get **34, 93.021, 308.692**, and if you desaturate by 10%, it is **44, 70.439, 307.340**.

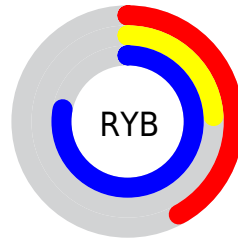
Distribution



Red (42%)

Green (24%)

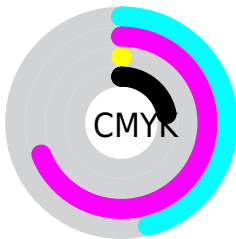
Blue (78%)



Red (42%)

Yellow (24%)

Blue (78%)

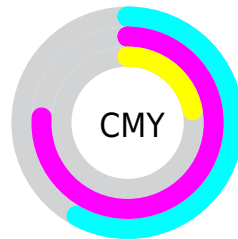


Cyan (46%)

Magenta (69%)

Yellow (0%)

Black (22%)



Cyan (58%)


Magenta (76%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 82.340, 308.108 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, 82.340, 308.108 by changing the saturation by 10% instead.


 39, 82.340,
308.108


 39, 82.340,
308.108

 100, 82.340,
308.108


 29, 82.340,
308.108

 59, 82.340,
308.108


 19, 82.340,
308.108


 69, 82.340,
308.108

 9, 82.340, 308.108

 79, 82.340,
308.108

 0, 82.340, 308.108

 89, 82.340,
308.108

 99, 82.340,
308.108

39, 82.340,
308.108

39, 82.340,
308.108

34, 93.021,
308.692

44, 70.439,
307.340

30, 101.425,
308.927

50, 58.073,
306.506

28, 106.923,
308.749

56, 45.691,
305.681

28, 107.309,
308.740

62, 33.530,
304.907

68, 21.701,
304.201

75, 10.250,
303.568

81, 0.813, 123.094

87, 11.496,
122.540

■ 93, 21.814,
122.116

Harmonies

Complementary

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



39, 82.340, 308.108



75, 70.402, 119.869

Rectangle

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



39, 82.340, 308.108



39, 82.340, 358.108



39, 82.340, 128.108



39, 82.340, 178.108

Sweetspot

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



39, 82.340, 308.109



84, 29.020, 304.340



60, 33.938, 248.643



43, 19.734, 304.535



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



39, 82.340, 308.109



42, 117.419, 308.863



48, 81.675, 322.400



39, 6.278, 303.577



22, 92.336, 308.880



2, 21.874, 300.527

Inverse Universe

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



49, 66.165, 342.020



58, 87.946, 344.323



72, 80.848, 135.423



39, 5.841, 336.300



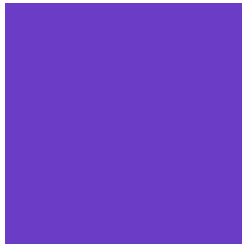
36, 64.880, 347.198



4, 20.000, 342.653

Previews

White Background



This preview shows how the CIELCh color 39, 82.340, 308.108 looks on a white background.

Color Contrast Check

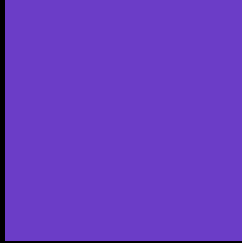
Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 82.340, 308.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

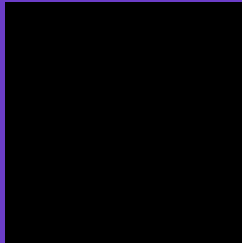
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 82.340, 308.108

Background



This preview shows how black text looks on a background with the CIELCh color 39, 82.340, 308.108.

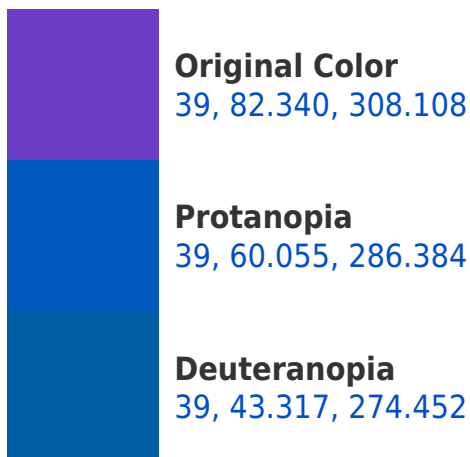


This preview shows how white text looks on a background with the CIELCh color 39, 82.340, 308.108.

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, 6.295, 242.036

Trichromacy



Original Color
39, 82.340, 308.108

Protanomaly
37, 68.395, 293.666

Deuteranomaly
37, 57.831, 289.927

Tritanomaly
38, 34.063, 300.293

Monochromacy



Original Color
39, 82.340, 308.108

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 31.512, 305.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 82.340, 308.108 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(107, 61, 199)` looks like.

```
.text, #text, p{  
    color:rgb(107, 61, 199)  
}
```

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(107, 61, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 61, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 82.340, 308.108 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(107, 61, 199) }
```

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

```
.border{ border-color:rgb(107, 61, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 61, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 61, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 61, 199);  
box-shadow:4px 4px 4px 4px rgb(107, 61,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 82.340, 308.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 61, 199) }
```

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

```
.background{ background-color: rgb(107, 61,  
199) }
```

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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