

Converting Colors

CIELCh(39, 73.960, 296.638)

Have a look what the booklet for
CIELCh(39, 73.960, 296.638)
contains.

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Color

CIELCh(39, 73.744, 296.598)

Conversions

Conversions Part 1

Format	Color
Hex	384FC9
RGB	56, 79, 201
RGB Percent	22%, 31%, 79%
CMY	0.7801, 0.6901, 0.2116
CMYK	0.72, 0.61, 0.00, 0.21
HSL	230°, 57%, 50%
HSV	230°, 72%, 79%
XYZ	14.9808, 10.6589, 56.5539
YIQ	86.0310, -52.8700, 33.0660

Conversions

Conversions Part 2

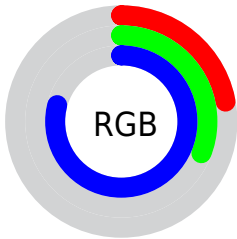
Format	Color
RYB	56, 76, 201
Decimal	3690441
CIELab	39.00, 33.02, -65.94
CIElCh	39, 73.744, 296.598
Yxy	10.6589, 0.1823, 0.1297
Android (android.graphics.Color)	4281880521 (0xFF384FC9)
YUV	86.0310, 56.6797, -26.3372
Hunter-Lab	32.6480, 24.7721, -79.8503

Details

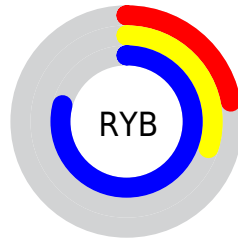
The CIELCh color **39, 73.744, 296.598** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **73, 62.127, 94.560**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 71.642, 296.417**, and **21, 72.446, 300.454** is the 20% darker color. If you saturate the color by 10%, you get **34, 84.979, 299.412**, and if you desaturate by 10%, it is **44, 62.457, 293.870**.

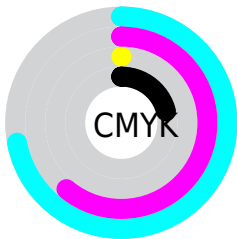
Distribution



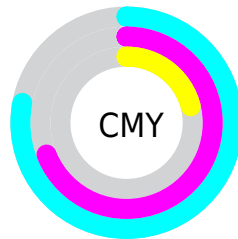
- Red (22%)
- Green (31%)
- Blue (79%)



- Red (22%)
- Yellow (30%)
- Blue (79%)



- Cyan (72%)
- Magenta (61%)
- Yellow (0%)
- Black (21%)





- Cyan (78%)
- Magenta (69%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 73.744, 296.598 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, 73.744, 296.598 by changing the saturation by 10% instead.


 39, 73.744,
296.598


 39, 73.744,
296.598

 100, 73.744,
296.598


 29, 73.744,
296.598

 59, 73.744,
296.598

 19, 73.744,
296.598


 69, 73.744,
296.598

 9, 73.744, 296.598

 79, 73.744,
296.598

 0, 73.744, 296.598

 89, 73.744,
296.598

 99, 73.744,
296.598

■ 39, 73.744,
296.598

■ 39, 73.744,
296.598

■ 34, 84.979,
299.412

■ 44, 62.457,
293.870

■ 30, 95.428,
302.061

■ 50, 51.449,
291.371

■ 27, 102.408,
303.791

■ 56, 40.823,
289.165

■ 62, 30.584,
287.256

■ 68, 20.708,
285.622

■ 74, 11.163,
284.229

■ 80, 1.923, 283.090

■ 86, 7.034, 101.974

■ 91, 15.725,
101.098

Harmonies

Complementary

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



39, 73.744, 296.598



73, 62.127, 94.560

Rectangle

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



39, 73.744, 296.598



39, 73.744, 346.598



39, 73.744, 116.598



39, 73.744, 166.598

Sweetspot

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



39, 73.744, 296.599



84, 24.997, 285.651



73, 43.297, 178.481



43, 16.873, 286.077



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, 73.744, 296.599



41, 109.467, 301.068



38, 86.157, 308.297



39, 5.160, 283.886



22, 86.721, 303.456



2, 19.140, 287.337

Inverse Universe

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



47, 61.620, 19.856



55, 87.483, 26.913



75, 73.070, 119.855



39, 4.365, 7.248



34, 68.057, 31.876



3, 16.078, 11.251

Previews

White Background



This preview shows how the CIE LCh color 39, 73.744, 296.598 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, 73.744, 296.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

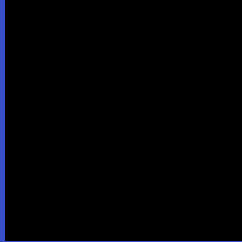
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 73.744, 296.598

Background



This preview shows how black text looks on a background with the CIELCh color 39, 73.744, 296.598.



This preview shows how white text looks on a background with the CIELCh color 39, 73.744, 296.598.

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


39, 73.744, 296.598

Protanopia

39, 60.688, 286.864

Deuteranopia

39, 42.266, 273.444



Tritanopia
39, 24.580, 206.808

Trichromacy



Original Color
39, 73.744, 296.598

Protanomaly
39, 65.290, 290.096

Deuteranomaly
39, 53.118, 284.119

Tritanomaly
38, 33.209, 264.946

Monochromacy



Original Color
39, 73.744, 296.598

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 27.911, 289.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 73.744, 296.598 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(56, 79, 201)` looks like.

```
.text, #text, p{  
    color:rgb(56, 79, 201)  
}
```

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(56, 79, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 79, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 73.744, 296.598 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(56, 79, 201) }
```

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

```
.border{ border-color:rgb(56, 79, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 79, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 79, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 79, 201);  
box-shadow:4px 4px 4px 4px rgb(56, 79,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 73.744, 296.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 79, 201) }
```

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

```
.background{ background-color: rgb(56, 79,  
201) }
```

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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