

Converting Colors

CIELCh(39, 65.770, 297.747)

Have a look what the booklet for
CIELCh(39, 65.770, 297.747)
contains.

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Color

CIELCh(39, 66.083, 297.790)

Conversions

Conversions Part 1

Format	Color
Hex	484FBC
RGB	72, 79, 188
RGB Percent	28%, 31%, 74%
CMY	0.7164, 0.6893, 0.2616
CMYK	0.62, 0.58, 0.00, 0.26
HSL	236°, 46%, 51%
HSV	236°, 62%, 74%
XYZ	14.6165, 10.6589, 49.0231
YIQ	89.3330, -39.1610, 32.4150

Conversions

Conversions Part 2

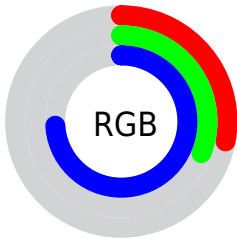
Format	Color
R _Y B	72, 79, 188
Decimal	4739004
CIE Lab	39.00, 30.81, -58.46
CIE LCh	39, 66.083, 297.790
Yxy	10.6589, 0.1967, 0.1435
Android (android.graphics.Color)	4282929084 (0xFF484FBC)
YUV	89.3330, 48.6428, -15.2010
Hunter-Lab	32.6480, 22.7804, -66.1741

Details

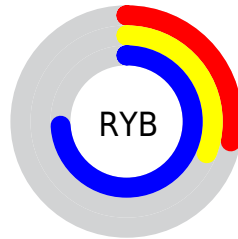
The CIELCh color **39, 66.083, 297.790** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **72, 55.933, 101.554**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 66.137, 297.765**, and **20, 65.650, 299.288** is the 20% darker color. If you saturate the color by 10%, you get **34, 77.933, 300.194**, and if you desaturate by 10%, it is **45, 54.312, 295.526**.

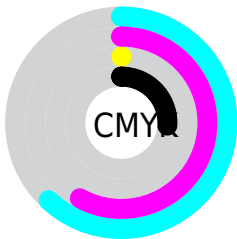
Distribution



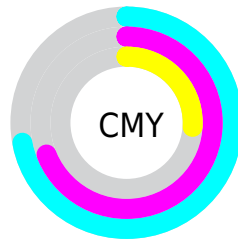
- Red (28%)
- Green (31%)
- Blue (74%)



- Red (28%)
- Yellow (31%)
- Blue (74%)



- Cyan (62%)
- Magenta (58%)
- Yellow (0%)
- Black (26%)





- Cyan (72%)
- Magenta (69%)
- Yellow (26%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 66.083, 297.790 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, 66.083, 297.790 by changing the saturation by 10% instead.


 39, 66.083,
297.790


 39, 66.083,
297.790

 100, 66.083,
297.790


 29, 66.083,
297.790

 59, 66.083,
297.790


 19, 66.083,
297.790


 69, 66.083,
297.790

 9, 66.083, 297.790

 79, 66.083,
297.790

 0, 66.083, 297.790

 89, 66.083,
297.790

 99, 66.083,
297.790

■ 39, 66.083,
297.790

■ 39, 66.083,
297.790

■ 34, 77.933,
300.194

■ 45, 54.312,
295.526

■ 29, 89.168,
302.530

■ 51, 42.901,
293.499

■ 25, 98.518,
304.493

■ 57, 31.930,
291.736

■ 23, 103.860,
305.586

■ 63, 21.396,
290.226

■ 69, 11.271,
288.942

■ 75, 1.525, 287.893

■ 81, 7.872, 106.892

■ 87, 16.945,
106.096

■ 93, 25.716,
105.408

Harmonies

Complementary

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



39, 66.083, 297.790



72, 55.933, 101.554

Rectangle

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



39, 66.083, 297.790



39, 66.083, 347.790



39, 66.083, 117.790



39, 66.083, 167.790

Sweetspot

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



39, 66.083, 297.791



83, 21.940, 289.779



70, 34.574, 189.628



42, 15.325, 290.173



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, 66.083, 297.791



42, 100.010, 301.060



42, 69.936, 310.232



37, 5.500, 288.683



19, 90.739, 305.424



1, 16.684, 288.940

Inverse Universe

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



47, 51.536, 23.626



56, 77.288, 28.146



71, 62.657, 123.966



37, 4.103, 15.091



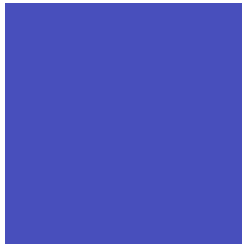
32, 70.531, 37.215



3, 12.283, 15.970

Previews

White Background



This preview shows how the CIE LCh color 39, 66.083, 297.790 looks on a white background.

Color Contrast Check

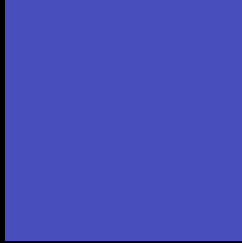
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.083, 297.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

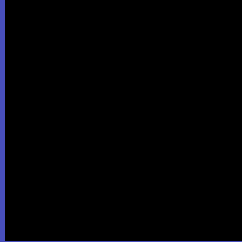
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 66.083, 297.790

Background



This preview shows how black text looks on a background with the CIELCh color 39, 66.083, 297.790.



This preview shows how white text looks on a background with the CIELCh color 39, 66.083, 297.790.

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, 66.083, 297.790

Protanopia

39, 60.688, 286.864

Deuteranopia

39, 43.317, 274.452



Tritanopia
39, 21.405, 210.398

Trichromacy



Original Color
39, 66.083, 297.790

Protanomaly
38, 62.386, 289.507

Deuteranomaly
38, 51.333, 283.749

Tritanomaly
38, 29.733, 268.317

Monochromacy



Original Color
39, 66.083, 297.790

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 24.629, 292.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 66.083, 297.790 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(72, 79, 188)` looks like.

```
.text, #text, p{  
    color:rgb(72, 79, 188)  
}
```

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(72, 79, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 79, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 66.083, 297.790 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(72, 79, 188) }
```

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

```
.border{ border-color:rgb(72, 79, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 79, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 79, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 79, 188);  
box-shadow:4px 4px 4px 4px rgb(72, 79,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 66.083, 297.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 79, 188) }
```

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

```
.background{ background-color: rgb(72, 79,  
188) }
```

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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