

Converting Colors

CIELCh(39, 57.821, 296.151)

Have a look what the booklet for
CIELCh(39, 57.821, 296.151)
contains.

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Color

CIELCh(39, 57.759, 296.240)

Conversions

Conversions Part 1

Format	Color
Hex	4A52B1
RGB	74, 82, 177
RGB Percent	29%, 32%, 69%
CMY	0.7099, 0.6785, 0.3060
CMYK	0.58, 0.54, 0.00, 0.31
HSL	235°, 41%, 49%
HSV	235°, 58%, 69%
XYZ	13.7703, 10.6589, 42.9120
YIQ	90.4380, -35.2630, 27.8490

Conversions

Conversions Part 2

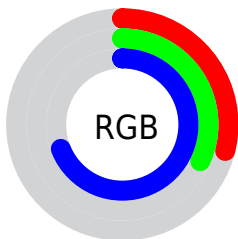
Format	Color
R _Y B	74, 81, 177
Decimal	4870833
CIE Lab	39.00, 25.54, -51.81
CIE LCh	39, 57.759, 296.240
Yxy	10.6589, 0.2045, 0.1583
Android (android.graphics.Color)	4283060913 (0xFF4A52B1)
YUV	90.4380, 42.6751, -14.4161
Hunter-Lab	32.6480, 18.1536, -55.0761

Details

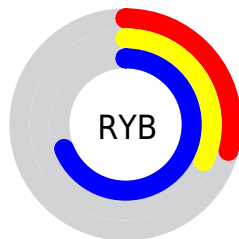
The CIELCh color $39, 57.759, 296.240$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $68, 49.923, 100.926$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 57.719, 296.299$, and $19, 57.087, 296.642$ is the 20% darker color. If you saturate the color by 10%, you get $34, 68.849, 298.649$, and if you desaturate by 10%, it is $45, 46.907, 294.033$.

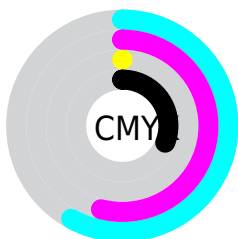
Distribution



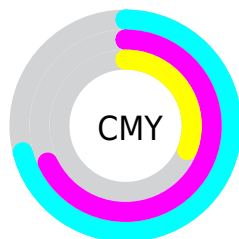
- Red (29%)
- Green (32%)
- Blue (69%)



- Red (29%)
- Yellow (32%)
- Blue (69%)



- Cyan (58%)
- Magenta (54%)
- Yellow (0%)
- Black (31%)



- Cyan (71%)
- Magenta (68%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 57.759, 296.240 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, 57.759, 296.240 by changing the saturation by 10% instead.


 39, 57.759,
296.240


 39, 57.759,
296.240

 100, 57.759,
296.240

 29, 57.759,
296.240

 59, 57.759,
296.240

 19, 57.759,
296.240

 69, 57.759,
296.240

 9, 57.759, 296.240

 79, 57.759,
296.240

 0, 57.759, 296.240

 89, 57.759,
296.240

 99, 57.759,
296.240

■ 39, 57.759,
296.240

■ 39, 57.759,
296.240

■ 34, 68.849,
298.649

■ 45, 46.907,
294.033

■ 29, 79.760,
301.108

■ 50, 36.438,
292.085

■ 25, 89.609,
303.362

■ 56, 26.376,
290.403

■ 22, 97.084,
305.070

■ 62, 16.704,
288.964

■ 22, 98.104,
305.279

■ 68, 7.394, 287.743

■ 73, 1.584, 106.628

■ 79, 10.253,
105.778

■ 85, 18.635,
105.010

■ 90, 26.748,
104.345

Harmonies

Complementary

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



39, 57.759, 296.240



68, 49.923, 100.926

Rectangle

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



39, 57.759, 296.240



39, 57.759, 346.240



39, 57.759, 116.240



39, 57.759, 166.240

Sweetspot

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



39, 57.759, 296.241



79, 19.242, 288.845



66, 32.042, 188.193



40, 12.903, 289.103



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



39, 57.759, 296.241



43, 87.650, 299.390



41, 62.828, 309.548



35, 5.152, 287.871



18, 87.599, 305.112



1, 12.523, 287.664

Inverse Universe

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



45, 45.806, 21.305



54, 68.763, 25.298



67, 56.493, 123.420



35, 3.925, 13.630



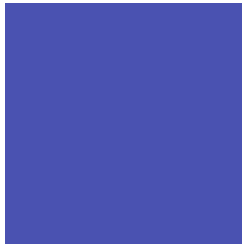
31, 68.086, 36.293



2, 9.201, 14.424

Previews

White Background



This preview shows how the CIE LCh color 39, 57.759, 296.240 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, 57.759, 296.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

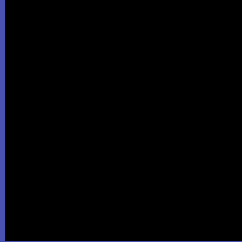
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 57.759, 296.240

Background



This preview shows how black text looks on a background with the CIELCh color 39, 57.759, 296.240.




This preview shows how white text looks on a background with the CIELCh color 39, 57.759, 296.240.

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, 18.501, 212.862

Trichromacy



Original Color
39, 57.759, 296.240

Protanomaly
39, 58.047, 289.582

Deuteranomaly
39, 49.016, 282.284

Tritanomaly
38, 26.330, 268.773

Monochromacy



Original Color
39, 57.759, 296.240

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 21.545, 290.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 57.759, 296.240 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(74, 82, 177)` looks like.

```
.text, #text, p{  
    color:rgb(74, 82, 177)  
}
```

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(74, 82, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 82, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 57.759, 296.240 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(74, 82, 177) }
```

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

```
.border{ border-color:rgb(74, 82, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 82, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 82, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 82, 177);  
box-shadow:4px 4px 4px 4px rgb(74, 82,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 57.759, 296.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 82, 177) }
```

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

```
.background{ background-color: rgb(74, 82,  
177) }
```

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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