

Converting Colors

CIELCh(39, 51.495, 308.654)

Have a look what the booklet for
CIELCh(39, 51.495, 308.654)
contains.

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Color

CIELCh(39, 51.525, 308.592)

Conversions

Conversions Part 1

Format	Color
Hex	6C4B9E
RGB	108, 75, 158
RGB Percent	42%, 29%, 62%
CMY	0.5770, 0.7064, 0.3809
CMYK	0.32, 0.53, 0.00, 0.38
HSL	264°, 36%, 46%
HSV	264°, 53%, 62%
XYZ	14.8353, 10.6589, 33.5610
YIQ	94.3290, -6.9750, 32.8090

Conversions

Conversions Part 2

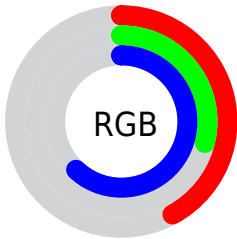
Format	Color
R_{YB}	108, 75, 158
Decimal	7097246
CIE _{Lab}	39.00, 32.14, -40.27
CIE _{LCh}	39, 51.525, 308.592
Yxy	10.6589, 0.2512, 0.1805
Android (android.graphics.Color)	4285287326 (0xFF6C4B9E)
YUV	94.3290, 31.3898, 11.9895
Hunter-Lab	32.6480, 23.9764, -38.0944

Details

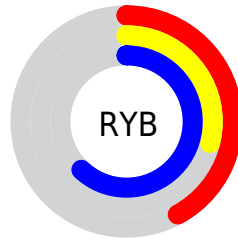
The CIELCh color $[39, 51.525, 308.592]$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $[61, 46.764, 122.880]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 51.296, 308.611]$, and $[19, 51.503, 308.484]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 61.538, 309.246]$, and if you desaturate by 10%, it is $[44, 41.341, 307.908]$.

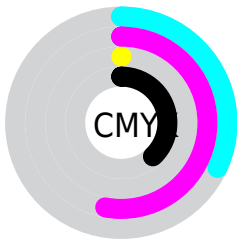
Distribution



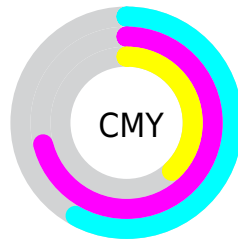
- Red (42%)
- Green (29%)
- Blue (62%)



- Red (42%)
- Yellow (29%)
- Blue (62%)



- Cyan (32%)
- Magenta (53%)
- Yellow (0%)
- Black (38%)





- Cyan (58%)
- Magenta (71%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 51.525, 308.592 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, 51.525, 308.592 by changing the saturation by 10% instead.


 39, 51.525,
308.592


 39, 51.525,
308.592

 100, 51.525,
308.592


 29, 51.525,
308.592

 59, 51.525,
308.592


 19, 51.525,
308.592


 69, 51.525,
308.592

 9, 51.525, 308.592

 79, 51.525,
308.592

 0, 51.525, 308.592

 89, 51.525,
308.592

 99, 51.525,
308.592

39, 51.525,
308.592

39, 51.525,
308.592

34, 61.538,
309.246

44, 41.341,
307.908

30, 70.966,
309.794

49, 31.232,
307.240

27, 79.172,
310.122

54, 21.330,
306.614

24, 85.367,
310.095

59, 11.696,
306.040

22, 88.971,
309.951

64, 2.357, 305.504

69, 6.681, 125.090

74, 15.426,
124.684

79, 23.888,
124.334

■ 84, 32.081,
124.030

Harmonies

Complementary

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



39, 51.525, 308.592



61, 46.764, 122.880

Rectangle

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



39, 51.525, 308.592



39, 51.525, 358.592



39, 51.525, 128.592



39, 51.525, 178.592

Sweetspot

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



39, 51.524, 308.592



72, 18.456, 306.248



51, 23.670, 250.617



37, 12.468, 306.356



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



39, 51.524, 308.592



44, 76.340, 309.345



44, 54.105, 323.547



31, 5.242, 305.862



19, 82.591, 310.043



1, 6.742, 304.661

Inverse Universe

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



44, 42.490, 343.274



52, 60.700, 344.804



59, 53.719, 137.778



31, 4.615, 339.157



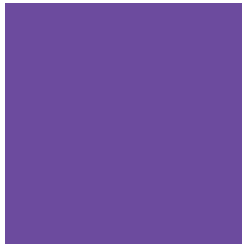
31, 57.023, 351.994



1, 5.854, 339.991

Previews

White Background



This preview shows how the CIELCh color 39, 51.525, 308.592 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, 51.525, 308.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

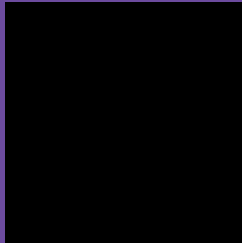
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 51.525, 308.592

Background



This preview shows how black text looks on a background with the CIELCh color 39, 51.525, 308.592.

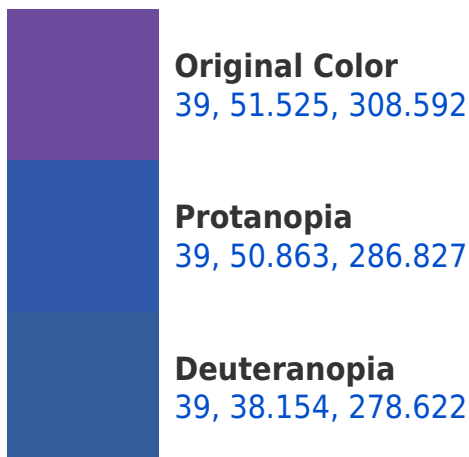



This preview shows how white text looks on a background with the CIELCh color 39, 51.525, 308.592.

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, 4.988, 320.776

Trichromacy



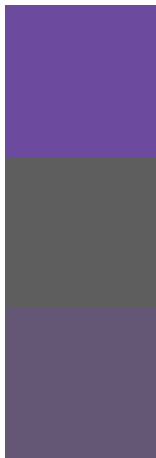
Original Color
39, 51.525, 308.592

Protanomaly
39, 50.675, 293.300

Deuteranomaly
38, 42.275, 290.619

Tritanomaly
39, 21.727, 308.410

Monochromacy



Original Color
39, 51.525, 308.592

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 19.038, 306.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 51.525, 308.592 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(108, 75, 158)` looks like.

```
.text, #text, p{  
    color:rgb(108, 75, 158)  
}
```

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(108, 75, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 75, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 51.525, 308.592 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(108, 75, 158) }
```

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

```
.border{ border-color:rgb(108, 75, 158) }
```

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

Here you see how a box with a 4 pixel rgb(108, 75, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 75, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 75, 158);  
box-shadow:4px 4px 4px 4px rgb(108, 75,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 51.525, 308.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 75, 158) }
```

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

```
.background{ background-color: rgb(108, 75,  
158) }
```

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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