

Converting Colors

CIELCh(51, 39.286, 294.024)

Have a look what the booklet for
CIELCh(51, 39.286, 294.024)
contains.

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Color

CIELCh(51, 39.642, 294.104)

Conversions

Conversions Part 1

Format	Color
Hex	7173B7
RGB	113, 115, 183
RGB Percent	44%, 45%, 72%
CMY	0.5559, 0.5481, 0.2814
CMYK	0.38, 0.37, 0.00, 0.28
HSL	238°, 33%, 58%
HSV	238°, 38%, 72%
XYZ	21.5702, 19.2686, 47.5171
YIQ	122.1540, -23.0200, 20.7240

Conversions

Conversions Part 2

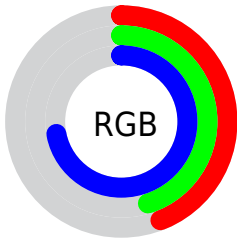
Format	Color
R_{YB}	113, 115, 183
Decimal	7435191
CIE _{Lab}	51.00, 16.19, -36.19
CIE _{LCh}	51, 39.642, 294.104
Yxy	19.2686, 0.2441, 0.2181
Android (android.graphics.Color)	4285625271 (0xFF7173B7)
YUV	122.1540, 29.9971, -8.0281
Hunter-Lab	43.8960, 10.8955, -33.4537

Details

The CIELCh color **51, 39.642, 294.104** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **73, 36.183, 105.283**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 39.373, 293.924**, and **31, 39.990, 294.397** is the 20% darker color. If you saturate the color by 10%, you get **45, 51.071, 295.997**, and if you desaturate by 10%, it is **57, 28.663, 292.466**.

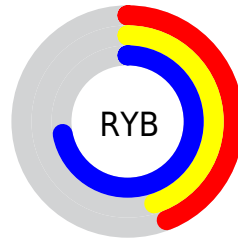
Distribution



Red (44%)

Green (45%)

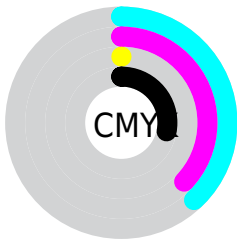
Blue (72%)



Red (44%)

Yellow (45%)

Blue (72%)

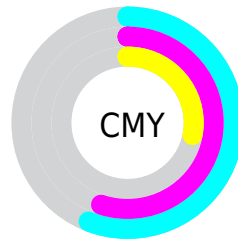


Cyan (38%)

Magenta (37%)

Yellow (0%)

Black (28%)



Cyan (56%)


Magenta (55%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 39.642, 294.104 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 51, 39.642, 294.104 by changing the saturation by 10% instead.


 51, 39.642,
294.104


 51, 39.642,
294.104


 100, 39.642,
294.104


 41, 39.642,
294.104


 71, 39.642,
294.104

 31, 39.642,
294.104

 81, 39.642,
294.104

 21, 39.642,
294.104

 91, 39.642,
294.104

 11, 39.642,
294.104

 1, 39.642, 294.104

 0, 39.642, 294.104

■ 51, 39.642,
294.104

■ 51, 39.642,
294.104

■ 45, 51.071,
295.997

■ 57, 28.663,
292.466

■ 39, 62.885,
298.125

■ 63, 18.131,
291.066

■ 33, 74.829,
300.404

■ 69, 8.016, 289.879

■ 29, 86.251,
302.646

■ 76, 1.712, 108.816

■ 25, 95.904,
304.553

■ 82, 11.083,
107.987

■ 22, 102.236,
305.788

■ 88, 20.124,
107.252

■ 22, 103.104,
305.943

■ 94, 28.857,
106.618

■ 99, 36.047,
107.430

Harmonies

Complementary

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



51, 39.642, 294.104



73, 36.183, 105.283

Rectangle

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



51, 39.642, 294.104



51, 39.642, 344.104



51, 39.642, 114.104



51, 39.642, 164.104

Sweetspot

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



51, 39.641, 294.104



85, 13.328, 290.212



70, 23.255, 194.391



45, 9.051, 290.368



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



51, 39.641, 294.104



59, 59.918, 295.707



53, 42.025, 309.877



36, 5.556, 290.004



18, 91.100, 305.867



1, 15.059, 289.465

Inverse Universe

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



55, 29.863, 20.862



66, 45.476, 22.347



71, 39.633, 126.089



36, 4.003, 17.617



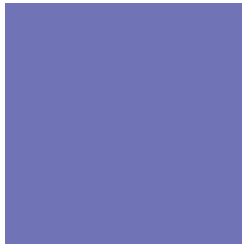
32, 70.794, 38.456



2, 10.647, 17.678

Previews

White Background



This preview shows how the CIELCh color 51, 39.642, 294.104 looks on a white 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

Black Background



This preview shows how the CIELCh color 51, 39.642, 294.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

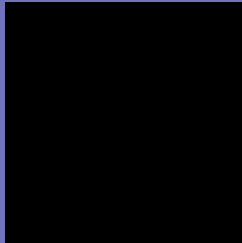
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 39.642, 294.104

Background



This preview shows how black text looks on a background with the CIELCh color 51, 39.642, 294.104.

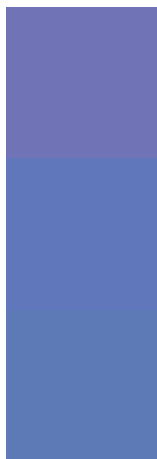


This preview shows how white text looks on a background with the CIELCh color 51, 39.642, 294.104.

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

51, 39.642, 294.104

Protanopia

51, 39.812, 285.696

Deuteranopia

51, 36.054, 281.245



Tritanopia
51, 10.101, 234.133

Trichromacy



Original Color
51, 39.642, 294.104

Protanomaly
51, 39.660, 288.497

Deuteranomaly
51, 36.893, 285.731

Tritanomaly
51, 19.199, 276.843

Monochromacy



Original Color
51, 39.642, 294.104

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 13.998, 290.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 39.642, 294.104 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(113, 115, 183)` looks like.

```
.text, #text, p{  
    color:rgb(113, 115, 183)  
}
```

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(113, 115, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 115, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 39.642, 294.104 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(113, 115, 183) }
```

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

```
.border{ border-color:rgb(113, 115, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 115, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 115, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 115, 183);  
box-shadow:4px 4px 4px 4px rgb(113, 115,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 39.642, 294.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 115, 183) }
```

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

```
.background{ background-color: rgb(113,  
115, 183) }
```

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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