

Converting Colors

CIELCh(39, 78.836, 309.175)

Have a look what the booklet for
CIELCh(39, 78.836, 309.175)
contains.

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Color

CIELCh(39, 78.507, 309.204)

Conversions

Conversions Part 1

Format	Color
Hex	703EC1
RGB	112, 62, 193
RGB Percent	44%, 24%, 76%
CMY	0.5623, 0.7582, 0.2447
CMYK	0.42, 0.68, 0.00, 0.24
HSL	263°, 52%, 50%
HSV	263°, 68%, 76%
XYZ	17.9174, 10.6589, 51.3362
YIQ	91.8840, -12.2510, 51.3410

Conversions

Conversions Part 2

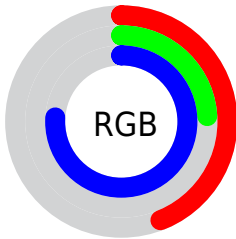
Format	Color
R_{YB}	112, 62, 193
Decimal	7356097
CIE _{Lab}	39.00, 49.62, -60.84
CIE _{LCh}	39, 78.507, 309.204
Yxy	10.6589, 0.2242, 0.1334
Android (android.graphics.Color)	4285546177 (0xFF703EC1)
YUV	91.8840, 49.8502, 17.6417
Hunter-Lab	32.6480, 40.8276, -70.3747

Details

The CIELCh color **39, 78.507, 309.204** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **72, 68.325, 121.850**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 78.264, 309.182**, and **19, 78.335, 309.139** is the 20% darker color. If you saturate the color by 10%, you get **34, 88.850, 309.675**, and if you desaturate by 10%, it is **44, 67.030, 308.557**.

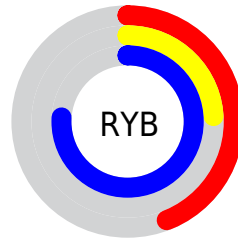
Distribution



Red (44%)

Green (24%)

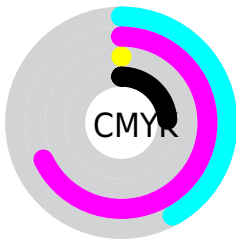
Blue (76%)



Red (44%)

Yellow (24%)

Blue (76%)

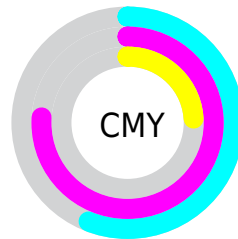


Cyan (42%)

Magenta (68%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (76%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 78.507, 309.204 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, 78.507, 309.204 by changing the saturation by 10% instead.

 39, 78.507,
309.204


 39, 78.507,
309.204

 100, 78.507,
309.204

 29, 78.507,
309.204

 59, 78.507,
309.204

 19, 78.507,
309.204


 69, 78.507,
309.204

 9, 78.507, 309.204

 79, 78.507,
309.204

 0, 78.507, 309.204

 89, 78.507,
309.204

 99, 78.507,
309.204

39, 78.507,
309.204

39, 78.507,
309.204

34, 88.850,
309.675

44, 67.030,
308.557

31, 97.126,
309.827

50, 55.095,
307.839

28, 102.616,
309.564

55, 43.116,
307.118

27, 103.607,
309.514

61, 31.318,
306.431

67, 19.817,
305.799

73, 8.663, 305.225

79, 2.129, 124.764

85, 12.563,
124.291

■ 91, 22.650,
123.901

Harmonies

Complementary

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



39, 78.507, 309.204



72, 68.325, 121.850

Rectangle

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



39, 78.507, 309.204



39, 78.507, 359.204



39, 78.507, 129.204



39, 78.507, 179.204

Sweetspot

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



39, 78.507, 309.205



84, 27.319, 305.940



57, 33.696, 253.284



42, 18.718, 306.117



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



39, 78.507, 309.205



43, 113.796, 309.805



47, 78.526, 323.440



38, 6.190, 305.301



22, 90.428, 309.655



2, 19.885, 301.476

Inverse Universe

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



48, 61.842, 344.570



57, 83.919, 347.297



69, 78.204, 136.163



38, 5.526, 338.429



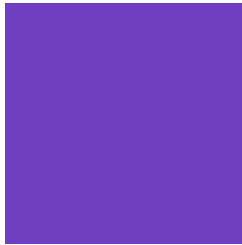
35, 62.519, 350.984



3, 17.098, 345.134

Previews

White Background



This preview shows how the CIE LCh color 39, 78.507, 309.204 looks on a white background.

Color Contrast Check

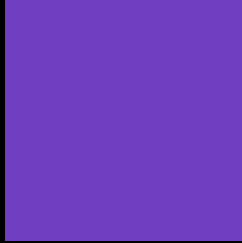
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.507, 309.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

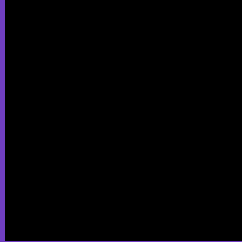
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 78.507, 309.204

Background



This preview shows how black text looks on a background with the CIELCh color 39, 78.507, 309.204.

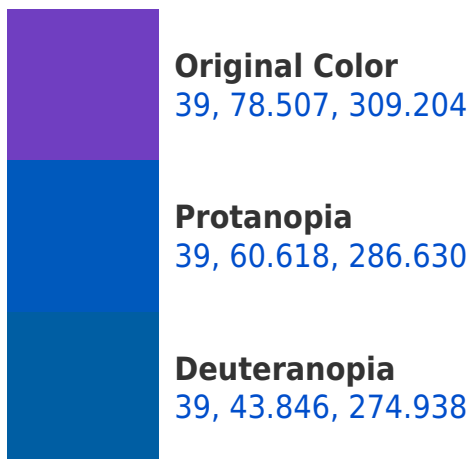



This preview shows how white text looks on a background with the CIELCh color 39, 78.507, 309.204.

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, 4.348, 280.082

Trichromacy



Original Color
39, 78.507, 309.204

Protanomaly
37, 67.794, 293.721

Deuteranomaly
37, 56.639, 289.785

Tritanomaly
38, 32.634, 305.355

Monochromacy



Original Color
39, 78.507, 309.204

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 30.341, 306.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 78.507, 309.204 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(112, 62, 193)` looks like.

```
.text, #text, p{  
    color:rgb(112, 62, 193)  
}
```

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(112, 62, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 62, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 78.507, 309.204 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(112, 62, 193) }
```

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

```
.border{ border-color:rgb(112, 62, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 62, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 62, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 62, 193);  
box-shadow:4px 4px 4px 4px rgb(112, 62,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 78.507, 309.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 62, 193) }
```

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

```
.background{ background-color: rgb(112, 62,  
193) }
```

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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