

Converting Colors

CIELCh(39, 72.830, 329.123)

Have a look what the booklet for
CIELCh(39, 72.830, 329.123)
contains.

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Color

CIELCh(39, 72.805, 329.057)

Conversions

Conversions Part 1

Format	Color
Hex	9E219A
RGB	158, 33, 154
RGB Percent	62%, 13%, 60%
CMY	0.3810, 0.8713, 0.3966
CMYK	0.00, 0.79, 0.03, 0.38
HSL	302°, 66%, 37%
HSV	302°, 79%, 62%
XYZ	20.4302, 10.6589, 31.4908
YIQ	84.1690, 35.6590, 64.1310

Conversions

Conversions Part 2

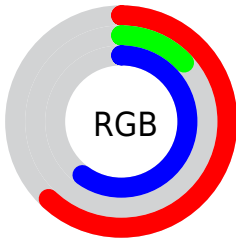
Format	Color
R_{YB}	158, 33, 154
Decimal	10363290
CIE _{Lab}	39.00, 62.44, -37.44
CIE _{LCh}	39, 72.805, 329.057
Yxy	10.6589, 0.3265, 0.1703
Android (android.graphics.Color)	4288553370 (0xFF9E219A)
YUV	84.1690, 34.4267, 64.7498
Hunter-Lab	32.6480, 54.5660, -34.3348

Details

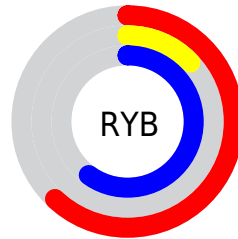
The CIELCh color **39, 72.805, 329.057** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **57, 75.107, 137.923**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 72.608, 329.096**, and **23, 58.971, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **38, 76.542, 329.311**, and if you desaturate by 10%, it is **41, 67.113, 328.734**.

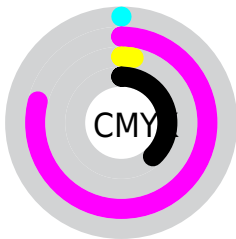
Distribution



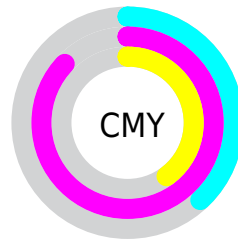
- Red (62%)
- Green (13%)
- Blue (60%)



- Red (62%)
- Yellow (13%)
- Blue (60%)



- Cyan (0%)
- Magenta (79%)
- Yellow (3%)
- Black (38%)





- Cyan (38%)
- Magenta (87%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 72.805, 329.057 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, 72.805, 329.057 by changing the saturation by 10% instead.


 39, 72.805,
329.057


 39, 72.805,
329.057

 100, 72.805,
329.057


 29, 72.805,
329.057

 59, 72.805,
329.057


 19, 72.805,
329.057


 69, 72.805,
329.057

 9, 72.805, 329.057

 79, 72.805,
329.057

 0, 72.805, 329.057

 89, 72.805,
329.057

 99, 72.805,
329.057

■ 39, 72.805,
329.057

■ 39, 72.805,
329.057

■ 38, 76.542,
329.311

■ 41, 67.113,
328.734

■ 37, 78.633,
329.511

■ 43, 59.702,
328.345

■ 37, 78.785,
329.526

■ 46, 50.938,
327.898

■ 50, 41.225,
327.406

■ 53, 30.931,
326.882

■ 57, 20.356,
326.338

■ 61, 9.722, 325.781

■ 65, 0.814, 145.536

■ 70, 11.152,
144.753

Harmonies

Complementary

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



39, 72.805, 329.057



57, 75.107, 137.923

Rectangle

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



39, 72.805, 329.057



39, 72.805, 19.057



39, 72.805, 149.057



39, 72.805, 199.057

Sweetspot

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



39, 72.803, 329.057



70, 31.344, 326.625



23, 79.296, 303.590



35, 21.472, 326.804



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, 72.803, 329.057



48, 94.436, 329.461



36, 54.499, 355.851



31, 5.973, 325.783



33, 73.231, 329.514



1, 7.733, 325.510

Inverse Universe

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



39, 72.803, 329.057



48, 94.436, 329.461



58, 52.303, 154.621



31, 5.973, 325.783



33, 73.231, 329.514



1, 7.733, 325.510

Previews

White Background



This preview shows how the CIELCh color 39, 72.805, 329.057 looks on a white background.

Color Contrast Check

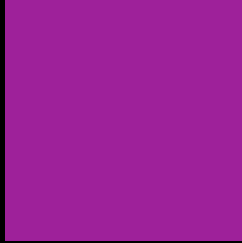
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.805, 329.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

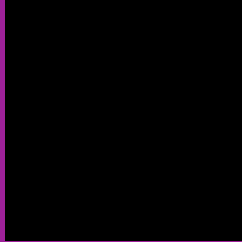
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 72.805, 329.057

Background



This preview shows how black text looks on a background with the CIELCh color 39, 72.805, 329.057.

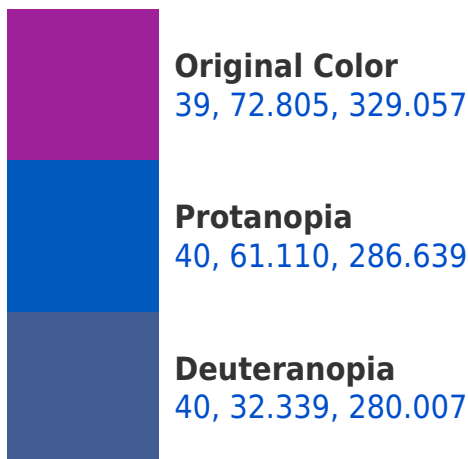


This preview shows how white text looks on a background with the CIELCh color 39, 72.805, 329.057.

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, 38.093, 21.764

Trichromacy



Original Color
39, 72.805, 329.057



Protanomaly
35, 66.648, 297.700



Deuteranomaly
37, 48.271, 307.527



Tritanomaly
38, 45.940, 352.608

Monochromacy



Original Color
39, 72.805, 329.057



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 32.366, 327.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 72.805, 329.057 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(158, 33, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 33, 154)  
}
```

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(158, 33, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 33, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 72.805, 329.057 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(158, 33, 154) }
```

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

```
.border{ border-color:rgb(158, 33, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 33, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 33, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 33, 154);  
box-shadow:4px 4px 4px 4px rgb(158, 33,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 72.805, 329.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 33, 154) }
```

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

```
.background{ background-color: rgb(158, 33,  
154) }
```

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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