

Converting Colors

CIELCh(39, 77.435, 329.444)

Have a look what the booklet for
CIELCh(39, 77.435, 329.444)
contains.

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Color

CIELCh(39, 77.430, 329.405)

Conversions

Conversions Part 1

Format	Color
Hex	A2149D
RGB	162, 20, 157
RGB Percent	64%, 8%, 62%
CMY	0.3639, 0.9200, 0.3835
CMYK	0.00, 0.87, 0.03, 0.36
HSL	302°, 78%, 36%
HSV	302°, 87%, 64%
XYZ	21.3033, 10.6589, 32.9219
YIQ	78.0760, 40.6550, 72.7110

Conversions

Conversions Part 2

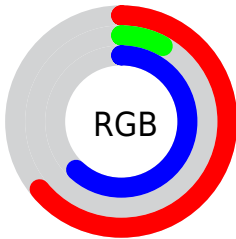
Format	Color
R_{YB}	162, 20, 157
Decimal	10622109
CIE _{Lab}	39.00, 66.65, -39.41
CIE _{LCh}	39, 77.430, 329.405
Yxy	10.6589, 0.3283, 0.1643
Android (android.graphics.Color)	4288812189 (0xFFA2149D)
YUV	78.0760, 38.9095, 73.6013
Hunter-Lab	32.6480, 59.3397, -36.9338

Details

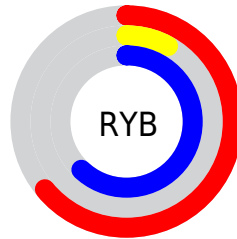
The CIELCh color **39, 77.430, 329.405** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **58, 80.801, 137.158**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 77.185, 329.371**, and **24, 60.169, 328.591** is the 20% darker color. If you saturate the color by 10%, you get **38, 79.678, 329.621**, and if you desaturate by 10%, it is **40, 73.295, 329.130**.

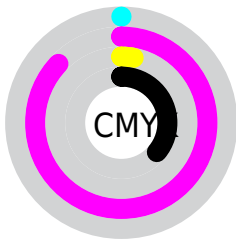
Distribution



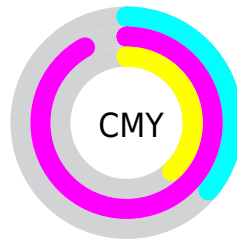
- Red (64%)
- Green (8%)
- Blue (62%)



- Red (64%)
- Yellow (8%)
- Blue (62%)



- Cyan (0%)
- Magenta (87%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (92%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 77.430, 329.405 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, 77.430, 329.405 by changing the saturation by 10% instead.

 39, 77.430,
329.405


 39, 77.430,
329.405

 100, 77.430,
329.405

 29, 77.430,
329.405

 59, 77.430,
329.405


 19, 77.430,
329.405

 69, 77.430,
329.405

 9, 77.430, 329.405

 79, 77.430,
329.405

 0, 77.430, 329.405

 89, 77.430,
329.405

 99, 77.430,
329.405

■ 39, 77.430,
329.405

■ 39, 77.430,
329.405

■ 38, 79.678,
329.621

■ 40, 73.295,
329.130

■ 38, 80.162,
329.674

■ 42, 67.186,
328.788

■ 45, 59.371,
328.382

■ 48, 50.239,
327.921

■ 51, 40.204,
327.419

■ 55, 29.634,
326.887

■ 59, 18.821,
326.338

■ 63, 7.981, 325.774

Harmonies

Complementary

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



39, 77.430, 329.405



58, 80.801, 137.158

Rectangle

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



39, 77.430, 329.405



39, 77.430, 19.405



39, 77.430, 149.405



39, 77.430, 199.405

Sweetspot

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



39, 77.428, 329.405



71, 34.897, 326.837



21, 87.991, 305.081



36, 23.822, 327.014



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



39, 77.428, 329.405



50, 97.645, 329.702



36, 57.949, 359.806



32, 6.119, 325.881



34, 73.983, 329.660



2, 9.399, 325.717

Inverse Universe

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



39, 77.428, 329.405



50, 97.645, 329.702



59, 56.195, 153.822



32, 6.119, 325.881



34, 73.983, 329.660



2, 9.399, 325.717

Previews

White Background



This preview shows how the CIELCh color 39, 77.430, 329.405 looks on a white background.

Color Contrast Check

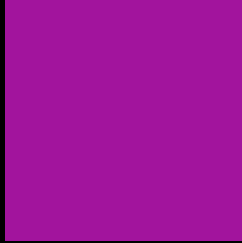
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.430, 329.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

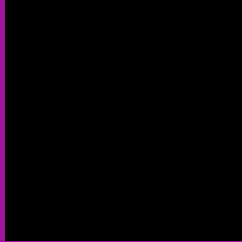
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 77.430, 329.405

Background



This preview shows how black text looks on a background with the CIELCh color 39, 77.430, 329.405.

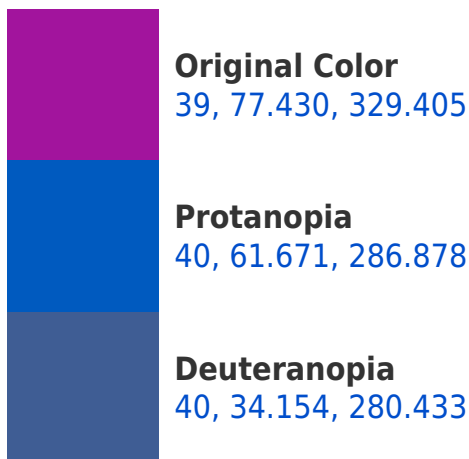


This preview shows how white text looks on a background with the CIELCh color 39, 77.430, 329.405.

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, 41.038, 23.511

Trichromacy



Original Color
39, 77.430, 329.405

Protanomaly
34, 70.367, 299.376

Deuteranomaly
36, 52.642, 308.303

Tritanomaly
38, 49.538, 353.503

Monochromacy



Original Color
39, 77.430, 329.405

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 36.515, 327.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 77.430, 329.405 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(162, 20, 157)` looks like.

```
.text, #text, p{  
    color:rgb(162, 20, 157)  
}
```

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(162, 20, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 20, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 77.430, 329.405 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(162, 20, 157) }
```

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

```
.border{ border-color:rgb(162, 20, 157) }
```

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

Here you see how a box with a 4 pixel rgb(162, 20, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 20, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 20, 157);  
box-shadow:4px 4px 4px 4px rgb(162, 20,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 77.430, 329.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 20, 157) }
```

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

```
.background{ background-color: rgb(162, 20,  
157) }
```

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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