

Converting Colors

CIELCh(39, 80.149, 330.569)

Have a look what the booklet for
CIELCh(39, 80.149, 330.569)
contains.

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Color

CIELCh(39, 80.092, 330.744)

Conversions

Conversions Part 1

Format	Color
Hex	A7029D
RGB	167, 2, 157
RGB Percent	65%, 1%, 62%
CMY	0.3458, 0.9939, 0.3849
CMYK	0.00, 0.99, 0.06, 0.35
HSL	304°, 98%, 33%
HSV	304°, 99%, 65%
XYZ	21.9892, 10.6589, 32.7257
YIQ	69.0050, 48.5850, 83.1850

Conversions

Conversions Part 2

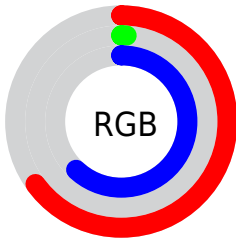
Format	Color
RYB	167, 2, 157
Decimal	10945181
CIELab	39.00, 69.88, -39.14
CIELCh	39, 80.092, 330.744
Yxy	10.6589, 0.3364, 0.1630
Android (android.graphics.Color)	4289135261 (0xFFA7029D)
YUV	69.0050, 43.3815, 85.9416
Hunter-Lab	32.6480, 63.0897, -36.5773

Details

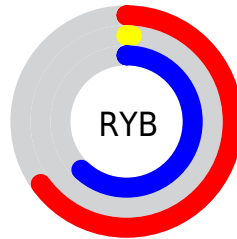
The CIELCh color **39, 80.092, 330.744** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **60, 85.795, 136.605**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 80.087, 330.834**, and **25, 60.124, 330.035** is the 20% darker color. If you saturate the color by 10%, you get **39, 80.248, 330.772**, and if you desaturate by 10%, it is **40, 78.163, 330.441**.

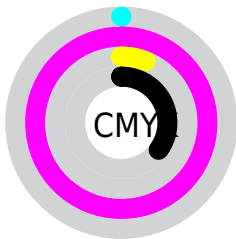
Distribution



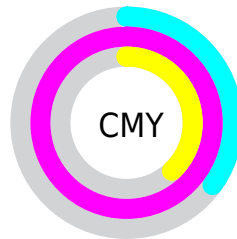
- Red (65%)
- Green (1%)
- Blue (62%)



- Red (65%)
- Yellow (1%)
- Blue (62%)



- Cyan (0%)
- Magenta (99%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (99%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 80.092, 330.744 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, 80.092, 330.744 by changing the saturation by 10% instead.

 39, 80.092,
330.744

 39, 80.092,
330.744

 100, 80.092,
330.744

 29, 80.092,
330.744

 59, 80.092,
330.744

 19, 80.092,
330.744

 69, 80.092,
330.744

 9, 80.092, 330.744

 79, 80.092,
330.744

 0, 80.092, 330.744

 89, 80.092,
330.744

 99, 80.092,
330.744

■ 39, 80.092,
330.744

■ 39, 80.092,
330.744

■ 39, 80.248,
330.772

■ 40, 78.163,
330.441

■ 41, 74.450,
330.100

■ 43, 68.685,
329.710

■ 46, 61.113,
329.270

■ 49, 52.129,
328.783

■ 52, 42.159,
328.261

■ 56, 31.590,
327.715

■ 60, 20.734,

327.154

■ 64, 9.823, 326.583

Harmonies

Complementary

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



39, 80.092, 330.744



60, 85.795, 136.605

Rectangle

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



39, 80.092, 330.744



39, 80.092, 20.744



39, 80.092, 150.744



39, 80.092, 200.744

Sweetspot

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



39, 80.090, 330.744



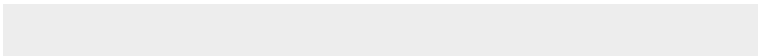
71, 40.310, 327.796



20, 96.642, 306.360



36, 27.657, 328.019



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



39, 80.090, 330.744



51, 97.443, 330.821



36, 61.270, 6.024



33, 6.170, 326.596



34, 73.489, 330.745



2, 11.020, 326.784

Inverse Universe

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



39, 80.090, 330.744



51, 97.443, 330.821



60, 60.878, 152.184



33, 6.170, 326.596



34, 73.489, 330.745



2, 11.020, 326.784

Previews

White Background



This preview shows how the CIELCh color 39, 80.092, 330.744 looks on a white background.

Color Contrast Check

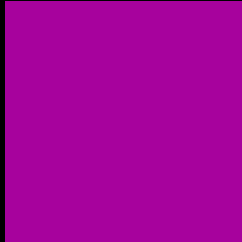
Large Text (above 18pt) WCAG AA ✓ Pass

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, 80.092, 330.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

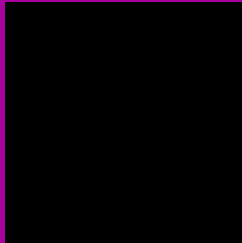
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 80.092, 330.744

Background



This preview shows how black text looks on a background with the CIELCh color 39, 80.092, 330.744.



This preview shows how white text looks on a background with the CIELCh color 39, 80.092, 330.744.

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

39, 80.092, 330.744

Protanopia

40, 62.161, 286.885

Deuteranopia

40, 32.860, 280.337



Tritanopia
40, 44.263, 24.460

Trichromacy



Original Color
39, 80.092, 330.744



Protanomaly
33, 75.355, 301.575



Deuteranomaly
35, 57.227, 311.231



Tritanomaly
38, 53.779, 354.497

Monochromacy



Original Color
39, 80.092, 330.744



Achromatopsia
29, 0.005, 296.813



Achromatomaly
29, 41.426, 329.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 80.092, 330.744 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(167, 2, 157)` looks like.

```
.text, #text, p{  
    color:rgb(167, 2, 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(167, 2, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 2, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 80.092, 330.744 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(167, 2, 157) }
```

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

```
.border{ border-color:rgb(167, 2, 157) }
```

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

Here you see how a box with a 4 pixel rgb(167, 2, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 2, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 2, 157);  
box-shadow:4px 4px 4px 4px rgb(167, 2,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 80.092, 330.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 2, 157) }
```

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

```
.background{ background-color: rgb(167, 2,  
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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