

Converting Colors

CIELCh(39, 71.117, 335.113)

Have a look what the booklet for
CIELCh(39, 71.117, 335.113)
contains.

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Color

CIELCh(39, 71.341, 335.064)

Conversions

Conversions Part 1

Format	Color
Hex	A6178E
RGB	166, 23, 142
RGB Percent	65%, 9%, 56%
CMY	0.3493, 0.9102, 0.4434
CMYK	0.00, 0.86, 0.14, 0.35
HSL	310°, 76%, 37%
HSV	310°, 86%, 65%
XYZ	20.8935, 10.6589, 26.5224
YIQ	79.3230, 47.0290, 67.3250

Conversions

Conversions Part 2

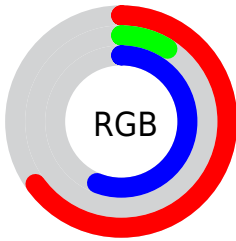
Format	Color
RYB	166, 23, 142
Decimal	10885006
CIELab	39.00, 64.69, -30.08
CIELCh	39, 71.341, 335.064
Yxy	10.6589, 0.3598, 0.1835
Android (android.graphics.Color)	4289075086 (0xFFA6178E)
YUV	79.3230, 30.8998, 76.0157
Hunter-Lab	32.6480, 57.0992, -25.3121

Details

The CIELCh color **39, 71.341, 335.064** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **60, 76.519, 139.973**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 71.358, 335.224**, and **24, 54.695, 336.090** is the 20% darker color. If you saturate the color by 10%, you get **38, 73.117, 335.868**, and if you desaturate by 10%, it is **41, 67.539, 334.327**.

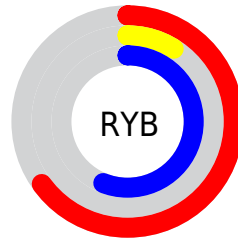
Distribution



Red (65%)

Green (9%)

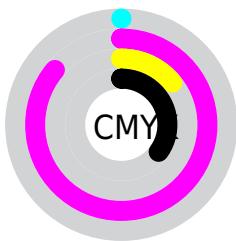
Blue (56%)



Red (65%)

Yellow (9%)

Blue (56%)

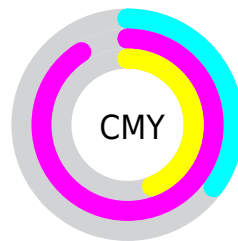


Cyan (0%)

Magenta (86%)

Yellow (14%)

Black (35%)



Cyan (35%)


Magenta (91%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 71.341, 335.064 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, 71.341, 335.064 by changing the saturation by 10% instead.

 39, 71.341,
335.064


 39, 71.341,
335.064

 100, 71.341,
335.064


 29, 71.341,
335.064

 59, 71.341,
335.064


 19, 71.341,
335.064


 69, 71.341,
335.064

 9, 71.341, 335.064

 79, 71.341,
335.064

 0, 71.341, 335.064

 89, 71.341,
335.064

 99, 71.341,
335.064

■ 39, 71.341,
335.064

■ 39, 71.341,
335.064

■ 38, 73.117,
335.868

■ 41, 67.539,
334.327

■ 38, 73.577,
336.181

■ 43, 61.767,
333.632

■ 46, 54.348,
332.960

■ 49, 45.703,
332.302

■ 53, 36.251,
331.653

■ 57, 26.347,
331.013

■ 61, 16.263,
330.384

■ 65, 6.190, 329.753

Harmonies

Complementary

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



39, 71.341, 335.064



60, 76.519, 139.973

Rectangle

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



39, 71.341, 335.064



39, 71.341, 25.064



39, 71.341, 155.064



39, 71.341, 205.064

Sweetspot

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



39, 71.339, 335.064



73, 32.492, 331.031



24, 87.577, 306.267



37, 22.187, 331.243



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, 71.339, 335.064



50, 89.564, 336.357



36, 58.156, 10.881



33, 5.725, 329.952



33, 67.698, 336.092



2, 9.989, 331.314

Inverse Universe

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



39, 71.339, 335.064



50, 89.564, 336.357



61, 49.141, 162.367



33, 5.725, 329.952



33, 67.698, 336.092



2, 9.989, 331.314

Previews

White Background



This preview shows how the CIELCh color 39, 71.341, 335.064 looks on a white background.

Color Contrast Check

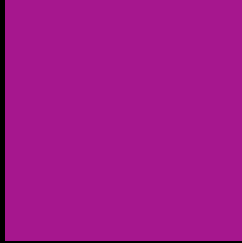
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.341, 335.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

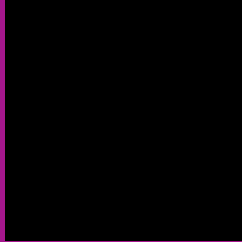
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 71.341, 335.064

Background



This preview shows how black text looks on a background with the CIELCh color 39, 71.341, 335.064.



This preview shows how white text looks on a background with the CIELCh color 39, 71.341, 335.064.

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, 71.341, 335.064

Protanopia

40, 62.232, 287.113

Deuteranopia

40, 25.871, 283.681



Tritanopia
39, 46.425, 25.878

Trichromacy



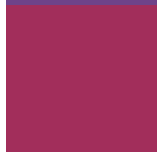
Original Color
39, 71.341, 335.064



Protanomaly
34, 66.840, 298.890



Deuteranomaly
36, 45.322, 315.122

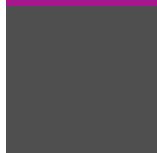


Tritanomaly
39, 50.826, 1.095

Monochromacy



Original Color
39, 71.341, 335.064



Achromatopsia
34, 0.005, 296.813



Achromatomaly
33, 33.282, 332.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 71.341, 335.064 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(166, 23, 142)` looks like.

```
.text, #text, p{  
    color:rgb(166, 23, 142)  
}
```

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(166, 23, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 23, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 71.341, 335.064 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(166, 23, 142) }
```

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

```
.border{ border-color:rgb(166, 23, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 23, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 23, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 23, 142);  
box-shadow:4px 4px 4px 4px rgb(166, 23,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 71.341, 335.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 23, 142) }
```

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

```
.background{ background-color: rgb(166, 23,  
142) }
```

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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