

Converting Colors

CIELCh(40, 73.808, 339.420)

Have a look what the booklet for
CIELCh(40, 73.808, 339.420)
contains.

CIELCh(40, 73.813, 339.413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(40, 73.813, 339.413)

Conversions

Conversions Part 1

Format	Color
Hex	B1038A
RGB	177, 3, 138
RGB Percent	69%, 1%, 54%
CMY	0.3058, 0.9879, 0.4588
CMYK	0.00, 0.98, 0.22, 0.31
HSL	313°, 97%, 35%
HSV	313°, 98%, 69%
XYZ	22.7574, 11.2510, 25.0235
YIQ	70.4160, 60.3690, 78.8730

Conversions

Conversions Part 2

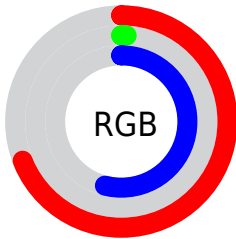
Format	Color
R_{YB}	177, 3, 138
Decimal	11600778
CIE _{Lab}	40.00, 69.10, -25.95
CIE _{LCh}	40, 73.813, 339.413
Yxy	11.2510, 0.3855, 0.1906
Android (android.graphics.Color)	4289790858 (0xFFB1038A)
YUV	70.4160, 33.3189, 93.4742
Hunter-Lab	33.5425, 62.4069, -20.7520

Details

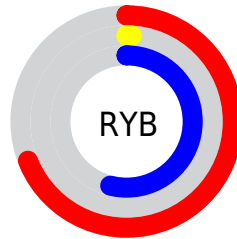
The CIELCh color **40, 73.813, 339.413** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **63, 83.721, 139.409**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 74.123, 339.429**, and **26, 54.310, 341.408** is the 20% darker color. If you saturate the color by 10%, you get **40, 73.968, 339.624**, and if you desaturate by 10%, it is **41, 72.566, 338.231**.

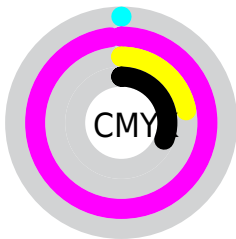
Distribution



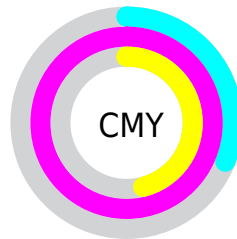
- Red (69%)
- Green (1%)
- Blue (54%)



- Red (69%)
- Yellow (1%)
- Blue (54%)



- Cyan (0%)
- Magenta (98%)
- Yellow (22%)
- Black (31%)





- Cyan (31%)
- Magenta (99%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 73.813, 339.413 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 40, 73.813, 339.413 by changing the saturation by 10% instead.


 40, 73.813,
339.413


 40, 73.813,
339.413


 100, 73.813,
339.413


 30, 73.813,
339.413

 60, 73.813,
339.413


 20, 73.813,
339.413

 70, 73.813,
339.413

 10, 73.813,
339.413

 80, 73.813,
339.413

 0, 73.813, 339.413

 90, 73.813,
339.413

 40, 73.813,

 40, 73.813,

339.413

339.413

■ 40, 73.968,
339.624

■ 41, 72.566,
338.231

■ 43, 69.327,
337.197

■ 45, 63.965,
336.282

■ 48, 56.791,
335.448

■ 51, 48.247,
334.669

■ 55, 38.787,
333.930

■ 59, 28.800,
333.221

■ 64, 18.587,
332.539

Harmonies

Complementary

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



40, 73.813, 339.413



63, 83.721, 139.409

Rectangle

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



40, 73.813, 339.413



40, 73.813, 29.413



40, 73.813, 159.413



40, 73.813, 209.413

Sweetspot

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



40, 73.810, 339.413



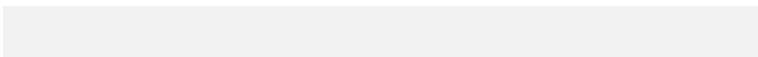
75, 36.488, 333.307



23, 99.047, 307.364



37, 24.970, 333.600



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



40, 73.810, 339.413



52, 89.572, 339.868



37, 66.470, 21.529



35, 5.775, 331.943



34, 66.553, 339.462



2, 13.033, 334.802

Inverse Universe

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



40, 73.810, 339.413



52, 89.572, 339.868



64, 52.099, 163.624



35, 5.775, 331.943



34, 66.553, 339.462



2, 13.033, 334.802

Previews

White Background



This preview shows how the CIELCh color 40, 73.813, 339.413 looks on a white background.

Color Contrast Check

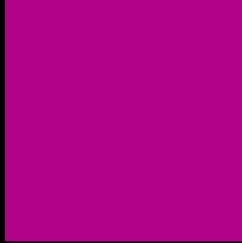
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 40, 73.813, 339.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

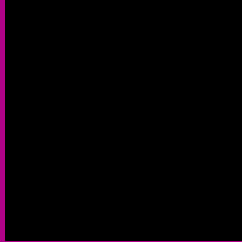
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 73.813, 339.413

Background



This preview shows how black text looks on a background with the CIELCh color 40, 73.813, 339.413.

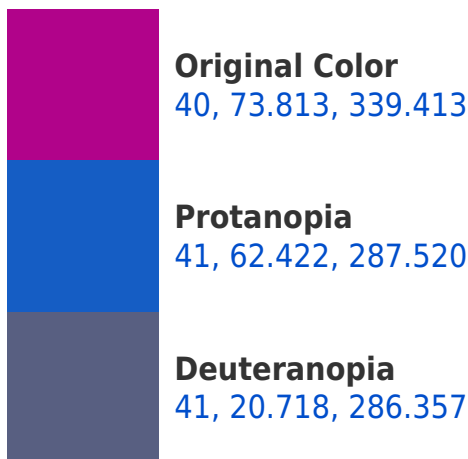


This preview shows how white text looks on a background with the CIELCh color 40, 73.813, 339.413.

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
41, 54.110, 27.941

Trichromacy



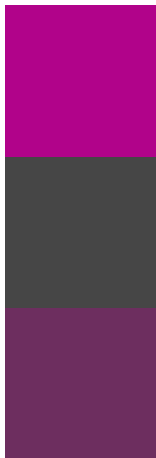
Original Color
40, 73.813, 339.413

Protanomaly
34, 70.832, 303.677

Deuteranomaly
36, 46.798, 321.846

Tritanomaly
39, 57.414, 5.329

Monochromacy



Original Color
40, 73.813, 339.413

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 38.273, 335.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 73.813, 339.413 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(177, 3, 138)` looks like.

```
.text, #text, p{  
    color:rgb(177, 3, 138)  
}
```

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(177, 3, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 3, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 73.813, 339.413 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(177, 3, 138) }
```

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

```
.border{ border-color:rgb(177, 3, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 3, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 3, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 3, 138); box-shadow:4px 4px 4px 4px rgb(177, 3, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 73.813, 339.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 3, 138) }
```

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

```
.background{ background-color: rgb(177, 3,  
138) }
```

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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