

Converting Colors

CIELCh(40, 71.378, 343.705)

Have a look what the booklet for
CIELCh(40, 71.378, 343.705)
contains.

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Color

CIELCh(40, 71.268, 343.779)

Conversions

Conversions Part 1

Format	Color
Hex	B30380
RGB	179, 3, 128
RGB Percent	70%, 1%, 50%
CMY	0.2968, 0.9885, 0.4969
CMYK	0.00, 0.98, 0.28, 0.30
HSL	317°, 97%, 36%
HSV	317°, 98%, 70%
XYZ	22.6108, 11.2510, 21.4981
YIQ	69.8740, 64.7710, 76.1870

Conversions

Conversions Part 2

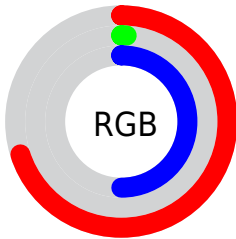
Format	Color
R_{YB}	179, 3, 128
Decimal	11731840
CIE _{Lab}	40.00, 68.43, -19.91
CIE _{LCh}	40, 71.268, 343.779
Yxy	11.2510, 0.4084, 0.2032
Android (android.graphics.Color)	4289921920 (0xFFB30380)
YUV	69.8740, 28.6561, 95.7035
Hunter-Lab	33.5425, 61.6265, -14.5205

Details

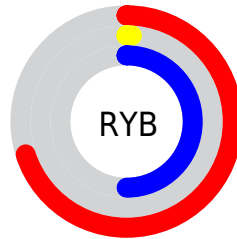
The CIELCh color **40, 71.268, 343.779** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **64, 81.183, 141.150**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 71.303, 343.810**, and **26, 52.068, 347.520** is the 20% darker color. If you saturate the color by 10%, you get **40, 71.388, 344.064**, and if you desaturate by 10%, it is **41, 70.203, 342.098**.

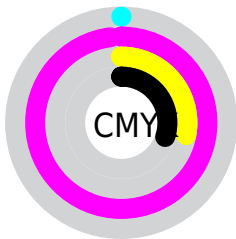
Distribution



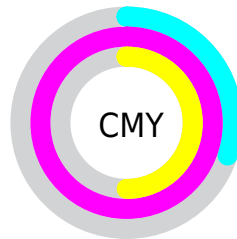
- Red (70%)
- Green (1%)
- Blue (50%)



- Red (70%)
- Yellow (1%)
- Blue (50%)



- Cyan (0%)
- Magenta (98%)
- Yellow (28%)
- Black (30%)





- Cyan (30%)
- Magenta (99%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 71.268, 343.779 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, 71.268, 343.779 by changing the saturation by 10% instead.


 40, 71.268,
343.779


 40, 71.268,
343.779


 100, 71.268,
343.779


 30, 71.268,
343.779

 60, 71.268,
343.779


 20, 71.268,
343.779

 70, 71.268,
343.779

 10, 71.268,
343.779

 80, 71.268,
343.779

 0, 71.268, 343.779

 90, 71.268,
343.779

 40, 71.268,

 40, 71.268,

343.779

343.779

■ 40, 71.388,
344.064

■ 41, 70.203,
342.098

■ 43, 67.164,
340.679

■ 45, 62.013,
339.479

■ 48, 55.067,
338.434

■ 52, 46.777,
337.499

■ 55, 37.599,
336.643

■ 60, 27.922,
335.848

■ 64, 18.041,
335.099

Harmonies

Complementary

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



40, 71.268, 343.779



64, 81.183, 141.150

Rectangle

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



40, 71.268, 343.779



40, 71.268, 33.779



40, 71.268, 163.779



40, 71.268, 213.779

Sweetspot

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



40, 71.265, 343.779



75, 36.407, 336.014



24, 99.088, 308.115



38, 25.000, 336.344



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



40, 71.265, 343.779



52, 86.307, 344.415



38, 69.706, 27.243



35, 5.512, 334.449



34, 63.649, 343.807



2, 12.312, 338.212

Inverse Universe

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



40, 71.265, 343.779



52, 86.307, 344.415



65, 48.406, 169.531



35, 5.512, 334.449



34, 63.649, 343.807



2, 12.312, 338.212

Previews

White Background



This preview shows how the CIELCh color 40, 71.268, 343.779 looks on a white background.

Color Contrast Check

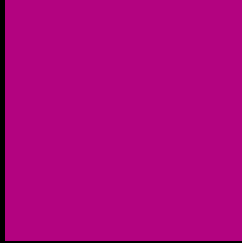
Large Text (above 18pt) WCAG AA ✓ Pass

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 40, 71.268, 343.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

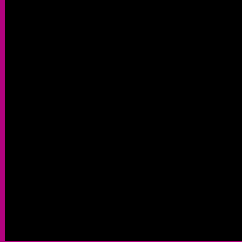
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 71.268, 343.779

Background



This preview shows how black text looks on a background with the CIELCh color 40, 71.268, 343.779.



This preview shows how white text looks on a background with the CIELCh color 40, 71.268, 343.779.

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

40, 71.151, 343.798

Protanopia

41, 54.019, 286.803

Deuteranopia

41, 15.184, 291.010



Tritanopia
41, 57.100, 29.332

Trichromacy



Original Color
40, 71.151, 343.798

Protanomaly
35, 63.201, 307.788

Deuteranomaly
36, 43.093, 327.899

Tritanomaly
40, 58.598, 9.533

Monochromacy



Original Color
40, 71.151, 343.798

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 36.922, 338.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 71.268, 343.779 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(179, 3, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 3, 128)  
}
```

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(179, 3, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 3, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 71.268, 343.779 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(179, 3, 128) }
```

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

```
.border{ border-color:rgb(179, 3, 128) }
```

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

Here you see how a box with a 4 pixel rgb(179, 3, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 3, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 3, 128);  
box-shadow:4px 4px 4px 4px rgb(179, 3,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 71.268, 343.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 3, 128) }
```

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

```
.background{ background-color: rgb(179, 3,  
128) }
```

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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