

Converting Colors

CIELCh(40, 76.941, 332.150)

Have a look what the booklet for
CIELCh(40, 76.941, 332.150)
contains.

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Color

CIELCh(40, 76.805, 332.098)

Conversions

Conversions Part 1

Format	Color
Hex	A9139A
RGB	169, 19, 154
RGB Percent	66%, 7%, 60%
CMY	0.3363, 0.9274, 0.3952
CMYK	0.00, 0.89, 0.09, 0.34
HSL	306°, 80%, 37%
HSV	306°, 89%, 66%
XYZ	22.4896, 11.2510, 31.6558
YIQ	79.2400, 46.0650, 73.7850

Conversions

Conversions Part 2

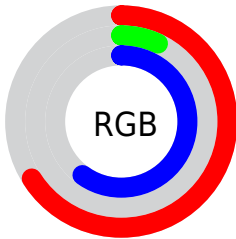
Format	Color
RYB	169, 19, 154
Decimal	11080602
CIELab	40.00, 67.88, -35.94
CIElCh	40, 76.805, 332.098
Yxy	11.2510, 0.3439, 0.1720
Android (android.graphics.Color)	4289270682 (0xFFA9139A)
YUV	79.2400, 36.8567, 78.7195
Hunter-Lab	33.5425, 60.9815, -32.4754

Details

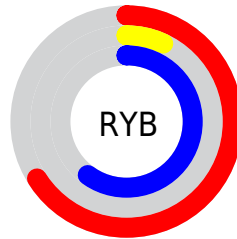
The CIELCh color **40, 76.805, 332.098** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **61, 82.035, 138.059**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 76.875, 332.138**, and **25, 58.922, 331.951** is the 20% darker color. If you saturate the color by 10%, you get **39, 78.518, 332.568**, and if you desaturate by 10%, it is **41, 73.263, 331.623**.

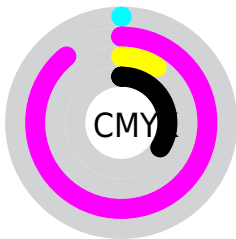
Distribution



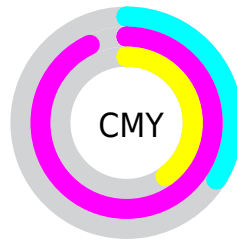
- Red (66%)
- Green (7%)
- Blue (60%)



- Red (66%)
- Yellow (7%)
- Blue (60%)



- Cyan (0%)
- Magenta (89%)
- Yellow (9%)
- Black (34%)





- Cyan (34%)
- Magenta (93%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 76.805, 332.098 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, 76.805, 332.098 by changing the saturation by 10% instead.


 40, 76.805,
332.098


 40, 76.805,
332.098


 100, 76.805,
332.098


 30, 76.805,
332.098

 60, 76.805,
332.098


 20, 76.805,
332.098

 70, 76.805,
332.098

 10, 76.805,
332.098

 80, 76.805,
332.098

 0, 76.805, 332.098

 90, 76.805,
332.098

 40, 76.805,

 40, 76.805,

332.098

332.098

■ 39, 78.518,
332.568

■ 41, 73.263,
331.623

■ 39, 78.658,
332.611

■ 43, 67.644,
331.129

■ 46, 60.208,
330.610

■ 49, 51.358,
330.066

■ 53, 41.528,
329.501

■ 57, 31.108,
328.923

■ 61, 20.410,
328.338

■ 65, 9.661, 327.749

Harmonies

Complementary

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



40, 76.805, 332.098



61, 82.035, 138.059

Rectangle

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



40, 76.805, 332.098



40, 76.805, 22.098



40, 76.805, 152.098



40, 76.805, 202.098

Sweetspot

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



40, 76.803, 332.098



73, 35.696, 328.830



22, 91.840, 305.685



37, 23.991, 329.019



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



40, 76.803, 332.098



51, 95.290, 332.698



37, 59.842, 4.852



33, 6.005, 327.762



34, 71.301, 332.558



2, 10.625, 328.385

Inverse Universe

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



40, 76.803, 332.098



51, 95.290, 332.698



61, 55.767, 156.273



33, 6.005, 327.762



34, 71.301, 332.558



2, 10.625, 328.385

Previews

White Background



This preview shows how the CIELCh color 40, 76.805, 332.098 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, 76.805, 332.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

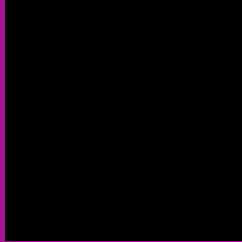
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 76.805, 332.098

Background



This preview shows how black text looks on a background with the CIELCh color 40, 76.805, 332.098.

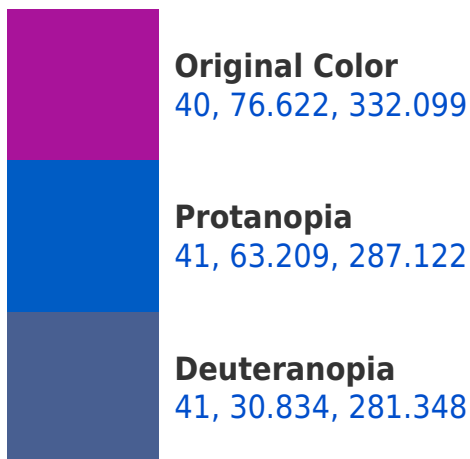


This preview shows how white text looks on a background with the CIELCh color 40, 76.805, 332.098.

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
40, 45.569, 24.773

Trichromacy



Original Color
40, 76.622, 332.099



Protanomaly
34, 71.426, 299.930



Deuteranomaly
37, 51.189, 311.588



Tritanomaly
39, 52.202, 357.188

Monochromacy



Original Color
40, 76.622, 332.099



Achromatopsia
34, 0.005, 296.813



Achromatomaly
33, 36.559, 330.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 76.805, 332.098 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(169, 19, 154)` looks like.

```
.text, #text, p{  
    color:rgb(169, 19, 154)  
}
```

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(169, 19, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 19, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 76.805, 332.098 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(169, 19, 154) }
```

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

```
.border{ border-color:rgb(169, 19, 154) }
```

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

Here you see how a box with a 4 pixel rgb(169, 19, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 19, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 19, 154);  
box-shadow:4px 4px 4px 4px rgb(169, 19,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 76.805, 332.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 19, 154) }
```

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

```
.background{ background-color: rgb(169, 19,  
154) }
```

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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