

Converting Colors

CIELCh(40, 111.660, 314.630)

Have a look what the booklet for
CIELCh(40, 111.660, 314.630)
contains.

CIELCh(40, 111.675, 314.597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	27

Color

CIELCh(40, 111.675, 314.597)

Conversions

Conversions Part 1

Format	Color
Hex	8C03E4
RGB	140, 3, 228
RGB Percent	55%, 1%, 89%
CMY	0.4508, 0.9878, 0.1057
CMYK	0.39, 0.99, 0.00, 0.11
HSL	277°, 97%, 45%
HSV	277°, 99%, 89%
XYZ	24.8665, 11.2510, 74.2910
YIQ	69.6130, 9.4270, 99.0190

Conversions

Conversions Part 2

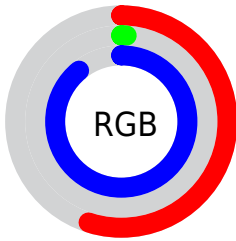
Format	Color
RYB	140, 3, 228
Decimal	9176036
CIELab	40.00, 78.41, -79.52
CIElCh	40, 111.675, 314.597
Yxy	11.2510, 0.2252, 0.1019
Android (android.graphics.Color)	4287366116 (0xFF8C03E4)
YUV	69.6130, 78.0848, 61.7294
Hunter-Lab	33.5425, 73.6307, -107.8377

Details

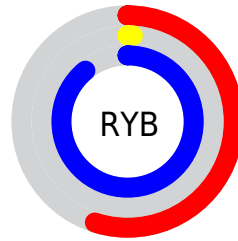
The CIELCh color **40, 111.675, 314.597** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **81, 103.379, 131.266**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 97.116, 317.813**, and **25, 93.304, 311.010** is the 20% darker color. If you saturate the color by 10%, you get **40, 112.171, 314.505**, and if you desaturate by 10%, it is **42, 107.379, 315.233**.

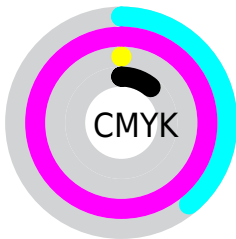
Distribution



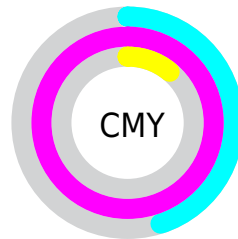
- Red (55%)
- Green (1%)
- Blue (89%)



- Red (55%)
- Yellow (1%)
- Blue (89%)



- Cyan (39%)
- Magenta (99%)
- Yellow (0%)
- Black (11%)





- Cyan (45%)
- Magenta (99%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 111.675, 314.597 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, 111.675, 314.597 by changing the saturation by 10% instead.


 40, 111.675,
314.597


 40, 111.675,
314.597


 100, 111.675,
314.597


 30, 111.675,
314.597


 60, 111.675,
314.597


 20, 111.675,
314.597


 70, 111.675,
314.597

 10, 111.675,
314.597

 80, 111.675,
314.597

 0, 111.675,
314.597

 90, 111.675,
314.597

 40, 111.675,

 40, 111.675,

314.597

314.597

■ 40, 112.171,
314.505

■ 42, 107.379,
315.233

■ 46, 100.082,
315.524

■ 50, 90.117,
315.512

■ 55, 78.277,
315.287

■ 60, 65.312,
314.928

■ 66, 51.802,
314.497

■ 72, 38.141,
314.036

■ 79, 24.576,
313.573

■ 85, 11.255,
313.123

Harmonies

Complementary

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



40, 111.675, 314.597



81, 103.379, 131.266

Rectangle

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



40, 111.675, 314.597



40, 111.675, 4.597



40, 111.675, 134.597



40, 111.675, 184.597

Sweetspot

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



40, 111.675, 314.597



79, 43.804, 314.108



43, 80.274, 292.472



39, 29.977, 314.305



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



40, 111.675, 314.597



45, 122.120, 314.438



53, 97.948, 332.662



45, 7.448, 313.159



31, 93.272, 314.679



5, 36.274, 314.911

Inverse Universe

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



49, 77.853, 12.629



54, 85.182, 13.688



79, 107.641, 136.868



45, 5.462, 350.774



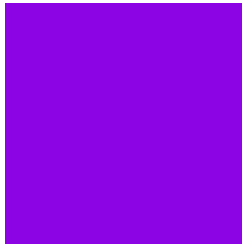
38, 64.982, 12.378



7, 26.873, 2.887

Previews

White Background



This preview shows how the CIELCh color 40, 111.675, 314.597 looks on a white background.

Color Contrast Check

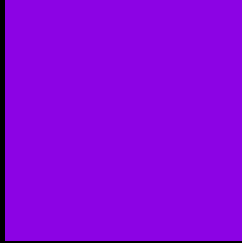
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111.675, 314.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

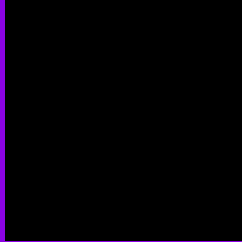
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 111.675, 314.597

Background



This preview shows how black text looks on a background with the CIELCh color 40, 111.675, 314.597.



This preview shows how white text looks on a background with the CIELCh color 40, 111.675, 314.597.

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, 111.675, 314.597

Protanopia

41, 61.464, 286.190

Tritanopia

40, 11.083, 358.585

Trichromacy



Original Color
40, 111.675, 314.597

Protanomaly
35, 88.569, 301.227

Tritanomaly
36, 55.460, 319.785

Monochromacy



Original Color
40, 111.675, 314.597

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 52.675, 315.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 111.675, 314.597 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(140, 3, 228)` looks like.

```
.text, #text, p{  
    color:rgb(140, 3, 228)  
}
```

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(140, 3, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 3, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 111.675, 314.597 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(140, 3, 228) }
```

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

```
.border{ border-color:rgb(140, 3, 228) }
```

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

Here you see how a box with a 4 pixel rgb(140, 3, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 3, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 3, 228);  
box-shadow:4px 4px 4px 4px rgb(140, 3,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 111.675, 314.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 3, 228) }
```

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

```
.background{ background-color: rgb(140, 3,  
228) }
```

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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