

Converting Colors

CIELCh(79, 40.617, 315.351)

Have a look what the booklet for
CIELCh(79, 40.617, 315.351)
contains.

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Color

CIELCh(79, 40.466, 315.120)

Conversions

Conversions Part 1

Format	Color
Hex	E0B3F9
RGB	224, 179, 249
RGB Percent	88%, 70%, 98%
CMY	0.1215, 0.2980, 0.0235
CMYK	0.10, 0.28, 0.00, 0.02
HSL	279°, 85%, 84%
HSV	279°, 28%, 98%
XYZ	63.9611, 54.9284, 96.8558
YIQ	200.4350, 4.3500, 31.3100

Conversions

Conversions Part 2

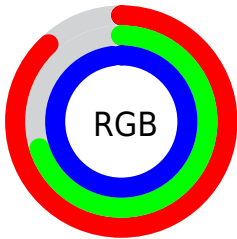
Format	Color
R_{YB}	224, 179, 249
Decimal	14726137
CIE _{Lab}	79.00, 28.67, -28.55
CIE _{LCh}	79, 40.466, 315.120
Yxy	54.9284, 0.2965, 0.2546
Android (android.graphics.Color)	4292916217 (0xFFE0B3F9)
YUV	200.4350, 23.9425, 20.6665
Hunter-Lab	74.1137, 24.3489, -25.6038

Details

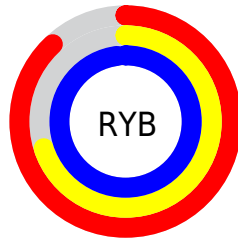
The CIELCh color $79, 40.466, 315.120$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $93, 39.414, 132.596$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 12.482, 324.851$, and $59, 40.167, 315.170$ is the 20% darker color. If you saturate the color by 10%, you get $73, 55.165, 315.567$, and if you desaturate by 10%, it is $86, 25.832, 314.666$.

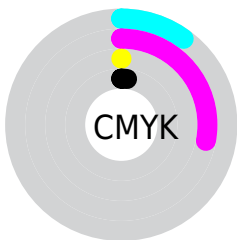
Distribution



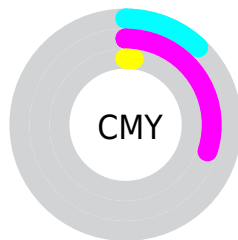
- Red (88%)
- Green (70%)
- Blue (98%)



- Red (88%)
- Yellow (70%)
- Blue (98%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)





- Cyan (12%)
- Magenta (30%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 40.466, 315.120 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 79, 40.466, 315.120 by changing the saturation by 10% instead.


 79, 40.466,
315.120

 79, 40.466,
315.120


 100, 40.466,
315.120


 69, 40.466,
315.120


 99, 40.466,
315.120

 59, 40.466,
315.120

 49, 40.466,
315.120

 39, 40.466,
315.120

 29, 40.466,
315.120

 19, 40.466,
315.120

 9, 40.466, 315.120

0, 40.466, 315.120

79, 40.466,
315.120

79, 40.466,
315.120

73, 55.165,
315.567

86, 25.832,
314.666

66, 69.654,
315.980

92, 11.440,
314.219

61, 83.492,
316.317

99, 2.616, 133.896

55, 96.048,
316.518

100, 3.030,
109.926

51, 106.527,
316.509

47, 114.119,
316.209

■ 45,118.436,
315.567

■ 45,119.072,
315.431

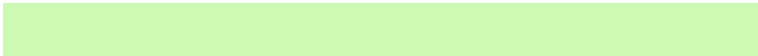
Harmonies

Complementary

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



79, 40.466, 315.120



93, 39.414, 132.596

Rectangle

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



79, 40.466, 315.120



79, 40.466, 5.120



79, 40.466, 135.120



79, 40.466, 185.120

Sweetspot

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



79, 40.464, 315.120



94, 11.502, 314.214



82, 24.618, 272.763



49, 8.189, 314.282



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 40.464, 315.120



77, 50.086, 315.387



81, 40.243, 330.004



49, 8.054, 314.281



33, 96.561, 315.609



7, 43.120, 316.873

Inverse Universe

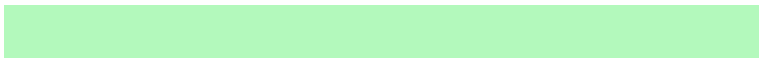
The Inverse Universe completely reimagines the original color for something new.



80, 29.125, 355.119



78, 36.110, 355.937



92, 40.165, 146.254



49, 5.744, 352.962



40, 68.366, 15.886



9, 30.460, 7.905

Previews

White Background



This preview shows how the CIELCh color 79, 40.466, 315.120 looks on a white background.

Color Contrast Check

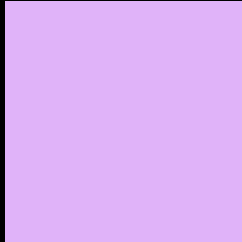
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 40.466, 315.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

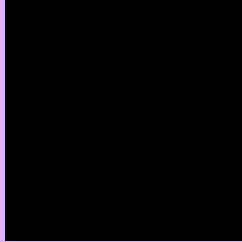
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 40.466, 315.120

Background



This preview shows how black text looks on a background with the CIELCh color 79, 40.466, 315.120.



This preview shows how white text looks on a background with the CIELCh color 79, 40.466, 315.120.

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

79, 40.466, 315.120

Protanopia

79, 32.759, 284.817

Deuteranopia

79, 28.864, 290.800



Tritanopia
79, 13.371, 343.823

Trichromacy



Original Color
79, 40.466, 315.120



Protanomaly
79, 34.346, 296.395



Deuteranomaly
79, 32.606, 301.681

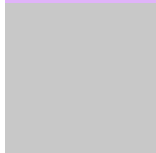


Tritanomaly
79, 22.547, 325.302

Monochromacy



Original Color
79, 40.466, 315.120



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 15.207, 314.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 40.466, 315.120 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(224, 179, 249)` looks like.

```
.text, #text, p{  
    color:rgb(224, 179, 249)  
}
```

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(224, 179, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 179, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 40.466, 315.120 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(224, 179, 249) }
```

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

```
.border{ border-color:rgb(224, 179, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 179, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 179, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 179, 249); box-shadow:4px 4px 4px 4px rgb(224, 179, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 40.466, 315.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 179, 249) }
```

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

```
.background{ background-color: rgb(224,  
179, 249) }
```

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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