

Converting Colors

CIELCh(79, 47.487, 318.659)

Have a look what the booklet for
CIELCh(79, 47.487, 318.659)
contains.

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Color

CIELCh(79, 47.185, 318.668)

Conversions

Conversions Part 1

Format	Color
Hex	EAAEFE
RGB	234, 174, 254
RGB Percent	92%, 68%, 100%
CMY	0.0823, 0.3176, 0.0039
CMYK	0.08, 0.31, 0.00, 0.00
HSL	285°, 98%, 84%
HSV	285°, 31%, 100%
XYZ	66.9662, 54.9284, 100.8495
YIQ	201.0600, 10.0800, 37.6000

Conversions

Conversions Part 2

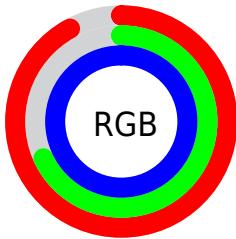
Format	Color
RYB	234, 174, 254
Decimal	15380222
CIELab	79.00, 35.43, -31.16
CIELCh	79, 47.185, 318.668
Yxy	54.9284, 0.3006, 0.2466
Android (android.graphics.Color)	4293570302 (0xFFEAAEFE)
YUV	201.0600, 26.0994, 28.8884
Hunter-Lab	74.1137, 31.5867, -28.7987

Details

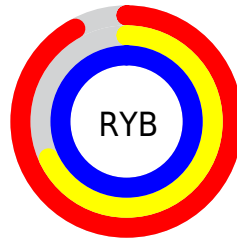
The CIELCh color $79, 47.185, 318.668$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 46.300, 135.690$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $59, 46.931, 318.530$ is the 20% darker color. If you saturate the color by 10%, you get $73, 62.146, 319.082$, and if you desaturate by 10%, it is $85, 32.045, 318.227$.

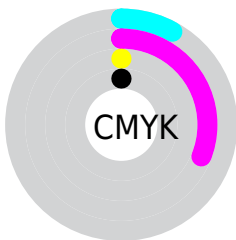
Distribution



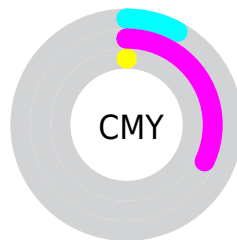
- Red (92%)
- Green (68%)
- Blue (100%)



- Red (92%)
- Yellow (68%)
- Blue (100%)



- Cyan (8%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 47.185, 318.668 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, 47.185, 318.668 by changing the saturation by 10% instead.

 79, 47.185,
318.668

 79, 47.185,
318.668

 100, 47.185,
318.668

 69, 47.185,
318.668

 99, 47.185,
318.668

 59, 47.185,
318.668

 49, 47.185,
318.668

 39, 47.185,
318.668

 29, 47.185,
318.668

 19, 47.185,
318.668

 9, 47.185, 318.668

0, 47.185, 318.668

79, 47.185,
318.668

79, 47.185,
318.668

73, 62.146,
319.082

85, 32.045,
318.227

67, 76.541,
319.437

92, 16.994,
317.778

62, 89.812,
319.694

99, 2.193, 317.253

57, 101.259,
319.799

100, 0.489,
109.983

54, 110.131,
319.696

51, 115.859,
319.333

■ 50,118.446,
318.827

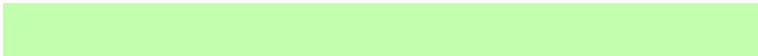
Harmonies

Complementary

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



79, 47.185, 318.668



94, 46.300, 135.690

Rectangle

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



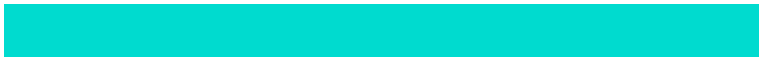
79, 47.185, 318.668



79, 47.185, 8.668



79, 47.185, 138.668



79, 47.185, 188.668

Sweetspot

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



79, 47.183, 318.668



94, 13.318, 317.665



79, 32.442, 281.968



49, 9.268, 317.731



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, 47.183, 318.668



75, 57.140, 318.942



80, 42.230, 334.514



50, 8.417, 317.688



37, 95.613, 318.971



9, 43.773, 319.993

Inverse Universe

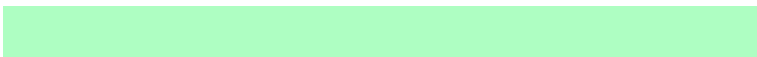
The Inverse Universe completely reimagines the original color for something new.



79, 31.992, 3.145



76, 39.087, 4.191



93, 41.930, 149.810



50, 5.536, 0.372



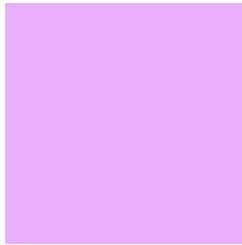
40, 72.625, 25.624



10, 31.700, 15.991

Previews

White Background



This preview shows how the CIELCh color 79, 47.185, 318.668 looks on a white background.

Color Contrast Check

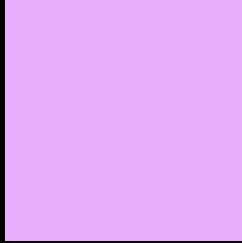
Large Text (above 18pt) WCAG AA × Fail

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, 47.185, 318.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

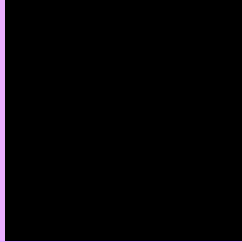
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 47.185, 318.668

Background



This preview shows how black text looks on a background with the CIELCh color 79, 47.185, 318.668.

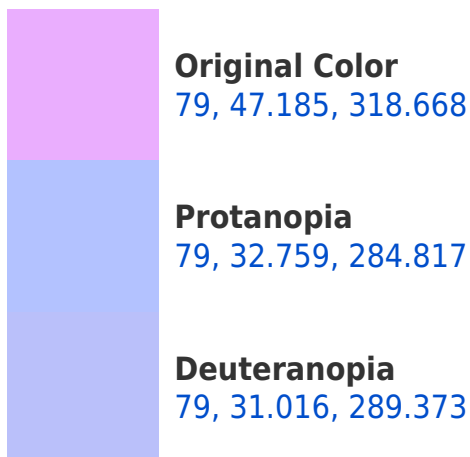


This preview shows how white text looks on a background with the CIELCh color 79, 47.185, 318.668.

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
79, 17.004, 354.934

Trichromacy



Original Color
79, 47.185, 318.668



Protanomaly
79, 36.693, 299.379



Deuteranomaly
79, 35.966, 302.635



Tritanomaly
79, 26.620, 332.155

Monochromacy



Original Color
79, 47.185, 318.668



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 17.411, 318.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 47.185, 318.668 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(234, 174, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 254)  
}
```

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(234, 174, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 47.185, 318.668 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(234, 174, 254) }
```

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

```
.border{ border-color:rgb(234, 174, 254) }
```

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

Here you see how a box with a 4 pixel rgb(234, 174, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 47.185, 318.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 254) }
```

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

```
.background{ background-color: rgb(234,  
174, 254) }
```

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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