

Converting Colors

CIELCh(85, 109.259, 305.847)

Have a look what the booklet for
CIELCh(85, 109.259, 305.847)
contains.

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Color

CIELCh(79, 47.650, 318.390)

Conversions

Conversions Part 1	
Format	Color
Hex	EAAEFF
RGB	234, 174, 255
RGB Percent	92%, 68%, 100%
CMY	0.0827, 0.3180, 0.0004
CMYK	0.08, 0.32, 0.00, 0.00
HSL	284°, 100%, 84%
HSV	284°, 32%, 100%
XYZ	67.0548, 54.9284, 101.5968
YIQ	201.1740, 9.7590, 37.9110

Conversions

Conversions Part 2

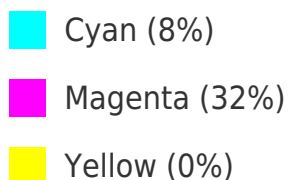
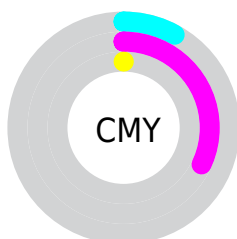
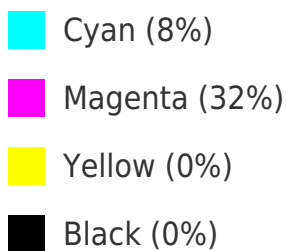
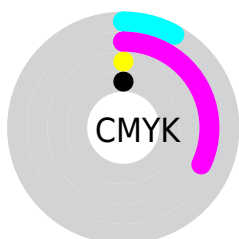
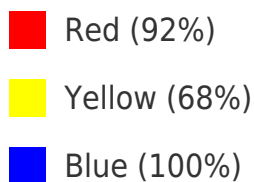
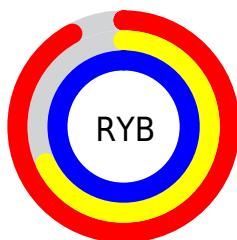
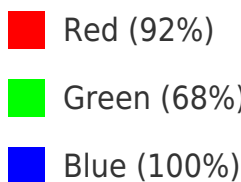
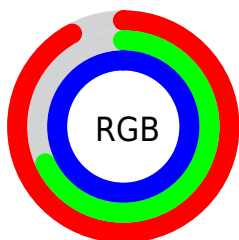
Format	Color
RYB	234, 174, 255
Decimal	15380223
CIELab	79.00, 35.63, -31.64
CIELCh	79, 47.650, 318.390
Yxy	54.9284, 0.2999, 0.2457
Android (android.graphics.Color)	4293570303 (0xFFEAAEFF)
YUV	201.1740, 26.5362, 28.7884
Hunter-Lab	74.1137, 31.8000, -29.3965

Details

The CIELCh color **79, 47.650, 318.390** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **94, 46.707, 135.401**, 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, 47.419, 318.244** is the 20% darker color. If you saturate the color by 10%, you get **73, 62.638, 318.803**, and if you desaturate by 10%, it is **85, 32.488, 317.950**.


Distribution




Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 47.650, 318.390 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, 47.650, 318.390 by changing the saturation by 10% instead.

 79, 47.650,
318.390

 79, 47.650,
318.390

 100, 47.650,
318.390


 69, 47.650,
318.390

 99, 47.650,
318.390

 59, 47.650,
318.390

 49, 47.650,
318.390

 39, 47.650,
318.390

 29, 47.650,
318.390

 19, 47.650,
318.390

 9, 47.650, 318.390

0, 47.650, 318.390

79, 47.650,
318.390

79, 47.650,
318.390

73, 62.638,
318.803

85, 32.488,
317.950

67, 77.063,
319.158

92, 17.419,
317.502

62, 90.366,
319.411

99, 2.603, 316.995

57, 101.839,
319.511

100, 0.035,
107.997

54, 110.721,
319.397

51, 116.436,
319.016

■ 50,118.955,
318.512

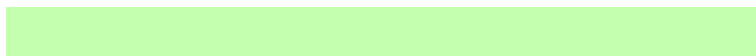
Harmonies

Complementary

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



79, 47.650, 318.390



94, 46.707, 135.401

Rectangle

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



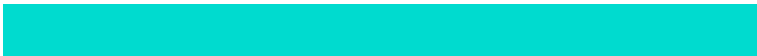
79, 47.650, 318.390



79, 47.650, 8.390



79, 47.650, 138.390



79, 47.650, 188.390

Sweetspot

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



79, 47.648, 318.390



93, 14.776, 317.422



79, 32.166, 280.942



49, 10.094, 317.485



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, 47.648, 318.390



75, 57.041, 318.652



80, 43.213, 333.873



50, 8.396, 317.399



37, 95.763, 318.661



9, 43.829, 319.712

Inverse Universe

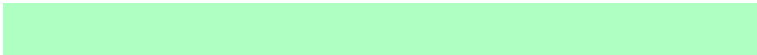
The Inverse Universe completely reimagines the original color for something new.



79, 32.470, 2.508



76, 39.174, 3.507



94, 42.953, 149.189



50, 5.558, 359.699



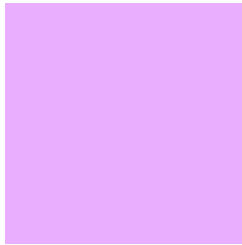
40, 72.232, 24.840



10, 31.651, 15.427

Previews

White Background



This preview shows how the CIELCh color 79, 47.650, 318.390 looks on a white background.

Color Contrast Check

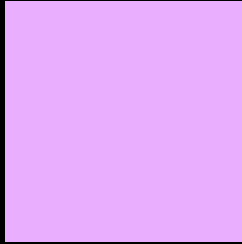
Large Text (above 18pt) WCAG AA × Fail

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, 47.650, 318.390 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, 47.650, 318.390

Background



This preview shows how black text looks on a background with the CIELCh color 79, 47.650, 318.390.



This preview shows how white text looks on a background with the CIELCh color 79, 47.650, 318.390.

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, 47.650, 318.390

Protanopia

79, 32.759, 284.817

Deuteranopia

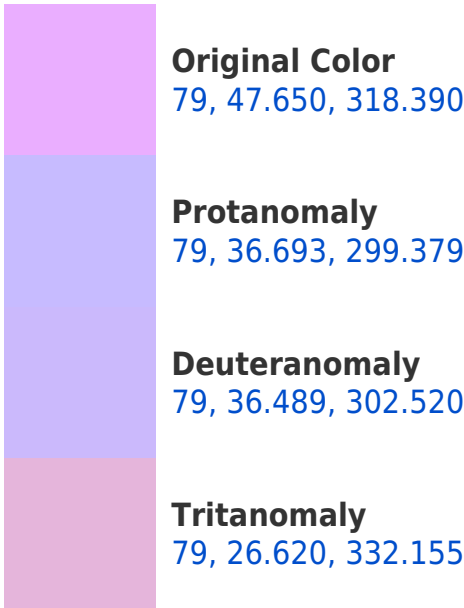
79, 31.546, 289.485



Tritanopia

79, 17.004, 354.934

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 47.650, 318.390 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 47.650, 318.390 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, 255) }
```

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

```
.border{ border-color:rgb(234, 174, 255) }
```

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, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 47.650, 318.390 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, 255) }
```

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

```
.background{ background-color: rgb(234,  
174, 255) }
```

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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