

Converting Colors

CIELCh(79, 35.874, 318.904)

Have a look what the booklet for
CIELCh(79, 35.874, 318.904)
contains.

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Color

CIELCh(79, 35.814, 318.898)

Conversions

Conversions Part 1

Format	Color
Hex	E2B4F0
RGB	226, 180, 240
RGB Percent	89%, 71%, 94%
CMY	0.1148, 0.2952, 0.0600
CMYK	0.06, 0.25, 0.00, 0.06
HSL	286°, 66%, 82%
HSV	286°, 25%, 94%
XYZ	63.2254, 54.9284, 89.4835
YIQ	200.5940, 8.1560, 28.4120

Conversions

Conversions Part 2

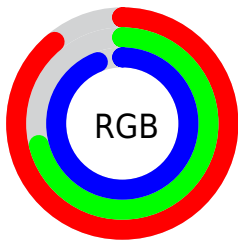
Format	Color
R _Y B	226, 180, 240
Decimal	14857456
CIE Lab	79.00, 26.99, -23.54
CIE LCh	79, 35.814, 318.898
Yxy	54.9284, 0.3045, 0.2645
Android (android.graphics.Color)	4293047536 (0xFFE2B4F0)
YUV	200.5940, 19.4272, 22.2811
Hunter-Lab	74.1137, 22.5771, -19.7060

Details

The CIELCh color $79, 35.814, 318.898$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90, 35.315, 136.560$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 11.855, 324.828$, and $59, 35.740, 318.756$ is the 20% darker color. If you saturate the color by 10%, you get $73, 50.260, 319.332$, and if you desaturate by 10%, it is $85, 21.353, 318.449$.

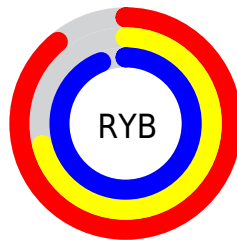
Distribution



Red (89%)

Green (71%)

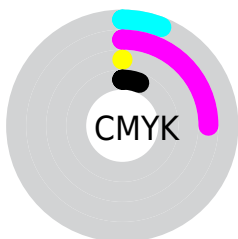
Blue (94%)



Red (89%)

Yellow (71%)

Blue (94%)

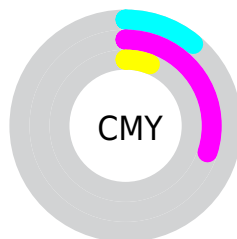


Cyan (6%)

Magenta (25%)

Yellow (0%)

Black (6%)



Cyan (11%)


Magenta (30%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.814, 318.898 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, 35.814, 318.898 by changing the saturation by 10% instead.

 79, 35.814,
318.898

 79, 35.814,
318.898


 100, 35.814,
318.898


 69, 35.814,
318.898


 99, 35.814,
318.898

 59, 35.814,
318.898

 49, 35.814,
318.898

 39, 35.814,
318.898

 29, 35.814,
318.898

 19, 35.814,
318.898

 9, 35.814, 318.898

0, 35.814, 318.898

79, 35.814,
318.898

79, 35.814,
318.898

73, 50.260,
319.332

85, 21.353,
318.449

67, 64.403,
319.728

91, 7.075, 317.988

62, 77.808,
320.053

98, 6.908, 137.631

99, 8.152, 127.111

57, 89.894,
320.265

100, 7.758,
113.056

53, 99.972,
320.311

100, 7.738,
109.589

50, 107.376,
320.139

■ 48,111.717,
319.708

■ 48,113.031,
319.421

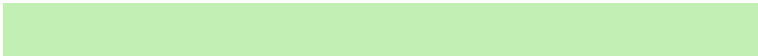
Harmonies

Complementary

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



79, 35.814, 318.898



90, 35.315, 136.560

Rectangle

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



79, 35.814, 318.898



79, 35.814, 8.898



79, 35.814, 138.898



79, 35.814, 188.898

Sweetspot

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



79, 35.812, 318.898



95, 11.881, 318.131



79, 24.383, 280.785



50, 8.455, 318.201



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, 35.812, 318.898



80, 45.233, 319.121



80, 32.051, 334.029



47, 8.037, 318.198



36, 92.488, 319.555



7, 40.059, 320.622

Inverse Universe

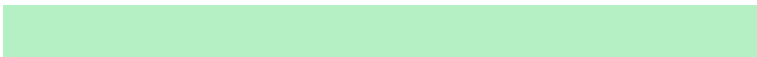
The Inverse Universe completely reimagines the original color for something new.



79, 23.844, 3.437



80, 30.354, 4.149



90, 31.840, 150.440



47, 5.225, 1.583



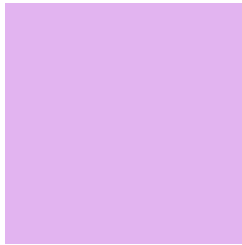
38, 71.070, 26.816



8, 28.911, 13.977

Previews

White Background



This preview shows how the CIELCh color 79, 35.814, 318.898 looks on a white background.

Color Contrast Check

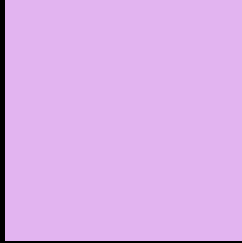
Large Text (above 18pt) WCAG AA × Fail

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, 35.814, 318.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

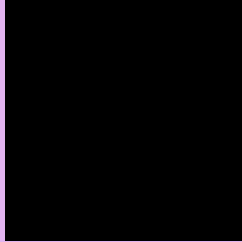
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 35.814, 318.898

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.814, 318.898.



This preview shows how white text looks on a background with the CIELCh color 79, 35.814, 318.898.

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, 35.814, 318.898

Protanopia
79, 30.036, 285.518

Deuteranopia
79, 24.090, 293.900



Tritanopia
79, 14.334, 349.299

Trichromacy



Original Color
79, 35.814, 318.898



Protanomaly
79, 30.715, 298.373



Deuteranomaly
79, 27.544, 305.255

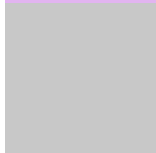


Tritanomaly
79, 21.534, 331.033

Monochromacy



Original Color
79, 35.814, 318.898



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 12.646, 318.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.814, 318.898 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(226, 180, 240)` looks like.

```
.text, #text, p{  
    color:rgb(226, 180, 240)  
}
```

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(226, 180, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.814, 318.898 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(226, 180, 240) }
```

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

```
.border{ border-color:rgb(226, 180, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 180, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 180, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 180, 240);  
box-shadow:4px 4px 4px 4px rgb(226, 180,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.814, 318.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 180, 240) }
```

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

```
.background{ background-color: rgb(226,  
180, 240) }
```

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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