

Converting Colors

CIELCh(79, 36.009, 321.360)

Have a look what the booklet for
CIELCh(79, 36.009, 321.360)
contains.

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Color

CIELCh(79, 35.980, 321.355)

Conversions

Conversions Part 1

Format	Color
Hex	E5B3EE
RGB	229, 179, 238
RGB Percent	90%, 70%, 93%
CMY	0.1029, 0.2989, 0.0676
CMYK	0.04, 0.25, 0.00, 0.07
HSL	291°, 63%, 82%
HSV	291°, 25%, 93%
XYZ	63.7108, 54.9284, 87.9519
YIQ	200.6760, 10.8610, 28.9490

Conversions

Conversions Part 2

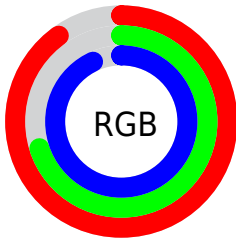
Format	Color
R_{YB}	229, 179, 238
Decimal	15053806
CIE _{Lab}	79.00, 28.10, -22.47
CIE _{LCh}	79, 35.980, 321.355
Yxy	54.9284, 0.3084, 0.2659
Android (android.graphics.Color)	4293243886 (0xFFE5B3EE)
YUV	200.6760, 18.4007, 24.8401
Hunter-Lab	74.1137, 23.7462, -18.4808

Details

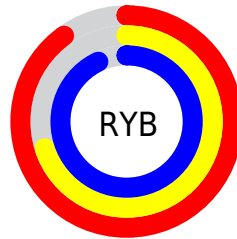
The CIELCh color $79, 35.980, 321.355$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89, 35.673, 138.860$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 12.482, 324.851$, and $59, 35.869, 321.357$ is the 20% darker color. If you saturate the color by 10%, you get $73, 50.487, 321.805$, and if you desaturate by 10%, it is $85, 21.370, 320.885$.

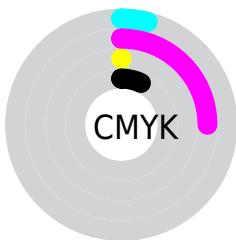
Distribution



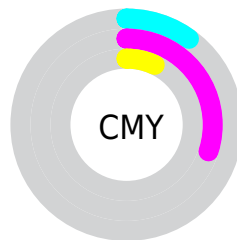
- Red (90%)
- Green (70%)
- Blue (93%)



- Red (90%)
- Yellow (70%)
- Blue (93%)



- Cyan (4%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)





- Cyan (10%)
- Magenta (30%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.980, 321.355 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, 35.980, 321.355 by changing the saturation by 10% instead.


 79, 35.980,
321.355


 79, 35.980,
321.355


 100, 35.980,
321.355


 69, 35.980,
321.355


 99, 35.980,
321.355

 59, 35.980,
321.355

 49, 35.980,
321.355

 39, 35.980,
321.355

 29, 35.980,
321.355

 19, 35.980,
321.355

 9, 35.980, 321.355

0, 35.980, 321.355

79, 35.980,
321.355

79, 35.980,
321.355

73, 50.487,
321.805

85, 21.370,
320.885

68, 64.566,
322.215

91, 6.887, 320.395

63, 77.753,
322.556

97, 7.333, 140.012

59, 89.463,
322.793

99, 9.725, 134.840

55, 99.045,
322.889

99, 9.228, 127.711

53, 105.928,
322.806

99, 8.890, 119.852

100, 8.733,
111.489

■ 51, 109.844,
322.521

■ 100, 8.724,
109.516

■ 50, 111.015,
322.314

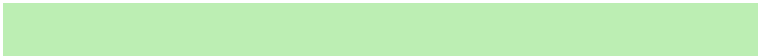
Harmonies

Complementary

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



79, 35.980, 321.355



89, 35.673, 138.860

Rectangle

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



79, 35.980, 321.355



79, 35.980, 11.355



79, 35.980, 141.355



79, 35.980, 191.355

Sweetspot

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



79, 35.978, 321.355



95, 10.628, 320.509



77, 26.499, 285.641



50, 6.909, 320.539



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, 35.978, 321.355



81, 46.082, 321.597



79, 29.799, 337.510



47, 8.221, 320.630



39, 91.430, 322.405



8, 39.813, 323.184

Inverse Universe

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



78, 23.037, 9.503



80, 29.889, 10.241



89, 29.443, 153.673



47, 5.084, 7.724



38, 74.911, 32.756



8, 29.150, 17.578

Previews

White Background



This preview shows how the CIELCh color 79, 35.980, 321.355 looks on a white background.

Color Contrast Check

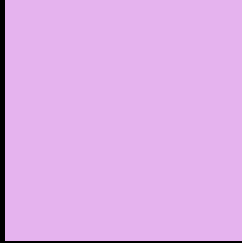
Large Text (above 18pt) WCAG AA × Fail

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, 35.980, 321.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

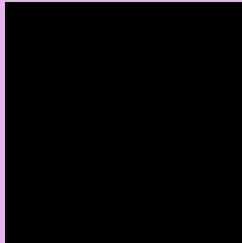
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 35.980, 321.355

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.980, 321.355.

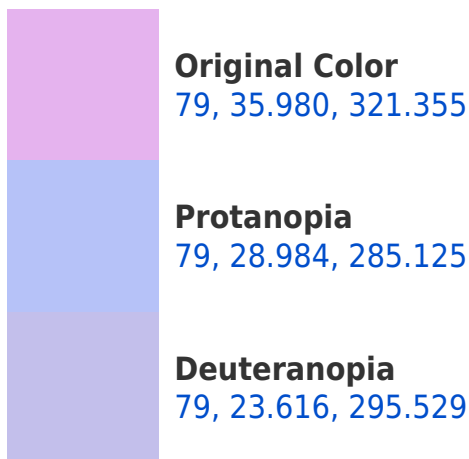



This preview shows how white text looks on a background with the CIELCh color 79, 35.980, 321.355.

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, 15.648, 352.336

Trichromacy



Original Color
79, 35.980, 321.355

Protanomaly
79, 30.289, 299.695

Deuteranomaly
79, 27.211, 306.908

Tritanomaly
79, 22.492, 334.034

Monochromacy



Original Color
79, 35.980, 321.355

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 13.462, 319.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.980, 321.355 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(229, 179, 238)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 238)  
}
```

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(229, 179, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.980, 321.355 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(229, 179, 238) }
```

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

```
.border{ border-color:rgb(229, 179, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 238);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.980, 321.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 238) }
```

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

```
.background{ background-color: rgb(229,  
179, 238) }
```

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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