

Converting Colors

CIELCh(79, 30.917, 315.425)

Have a look what the booklet for
CIELCh(79, 30.917, 315.425)
contains.

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Color

CIELCh(79, 30.917, 315.425)

Conversions

Conversions Part 1

Format	Color
Hex	DAB7EC
RGB	218, 183, 236
RGB Percent	85%, 72%, 93%
CMY	0.1445, 0.2817, 0.0739
CMYK	0.08, 0.22, 0.00, 0.07
HSL	280°, 58%, 82%
HSV	280°, 22%, 93%
XYZ	61.0926, 54.9284, 86.8651
YIQ	199.5070, 3.8470, 23.9030

Conversions

Conversions Part 2

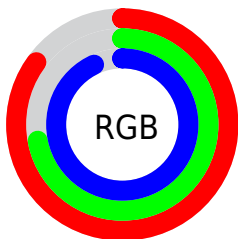
Format	Color
R _Y B	218, 183, 236
Decimal	14333932
CIE Lab	79.00, 22.02, -21.70
CIE LCh	79, 30.917, 315.425
Yxy	54.9284, 0.3011, 0.2707
Android (android.graphics.Color)	4292524012 (0xFFDAB7EC)
YUV	199.5070, 17.9910, 16.2184
Hunter-Lab	74.1137, 17.4403, -17.6114

Details

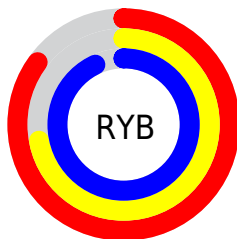
The CIELCh color $79, 30.917, 315.425$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90, 30.314, 133.450$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $59, 30.804, 315.631$ is the 20% darker color. If you saturate the color by 10%, you get $73, 45.015, 315.872$, and if you desaturate by 10%, it is $85, 16.968, 314.978$.

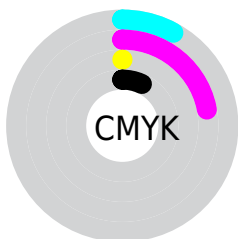
Distribution



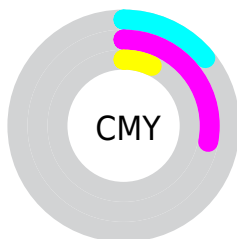
- Red (85%)
- Green (72%)
- Blue (93%)



- Red (85%)
- Yellow (72%)
- Blue (93%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)





- Cyan (14%)
- Magenta (28%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 30.917, 315.425 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, 30.917, 315.425 by changing the saturation by 10% instead.


 79, 30.917,
315.425

 79, 30.917,
315.425


 100, 30.917,
315.425


 69, 30.917,
315.425


 99, 30.917,
315.425


 59, 30.917,
315.425

 49, 30.917,
315.425

 39, 30.917,
315.425

 29, 30.917,
315.425

 19, 30.917,
315.425

 9, 30.917, 315.425

0, 30.917, 315.425

79, 30.917,
315.425

79, 30.917,
315.425

73, 45.015,
315.872

85, 16.968,
314.978

67, 59.058,
316.300

92, 3.300, 314.509

61, 72.708,
316.676

98, 10.025,
134.190

56, 85.467,
316.952

99, 9.706, 119.543

51, 96.661,
317.065

100, 9.534,
109.455

47, 105.513,
316.939

■ 44, 111.364,
316.503

■ 43, 113.970,
315.985

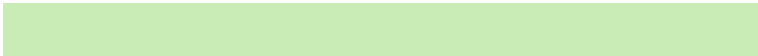
Harmonies

Complementary

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



79, 30.917, 315.425



90, 30.314, 133.450

Rectangle

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



79, 30.917, 315.425



79, 30.917, 5.425



79, 30.917, 135.425



79, 30.917, 185.425

Sweetspot

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



79, 30.915, 315.425



95, 10.097, 314.738



81, 19.135, 273.086



50, 6.565, 314.765



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, 30.915, 315.425



82, 39.730, 315.634



80, 30.444, 330.202



46, 7.679, 314.846



32, 93.291, 316.158



6, 38.378, 317.025

Inverse Universe

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



80, 21.930, 355.571



82, 28.256, 356.160



89, 30.364, 147.275



46, 5.401, 354.111



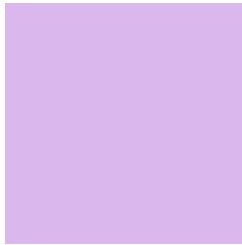
38, 66.649, 17.364



7, 27.819, 6.957

Previews

White Background



This preview shows how the CIELCh color 79, 30.917, 315.425 looks on a white background.

Color Contrast Check

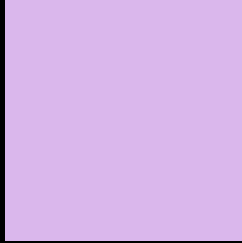
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 30.917, 315.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

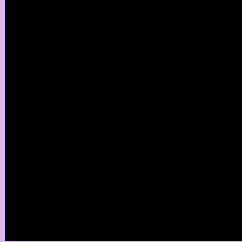
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 30.917, 315.425

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.917, 315.425.

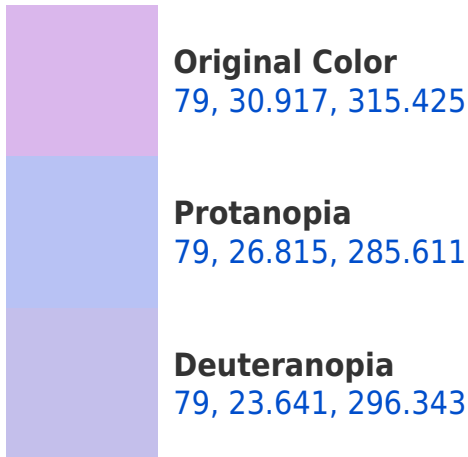


This preview shows how white text looks on a background with the CIELCh color 79, 30.917, 315.425.

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, 11.935, 338.289

Trichromacy



Original Color
79, 30.917, 315.425

Protanomaly
79, 27.414, 296.747

Deuteranomaly
79, 25.842, 304.504

Tritanomaly
79, 18.533, 324.211

Monochromacy



Original Color
79, 30.917, 315.425

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 11.209, 315.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.917, 315.425 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(218, 183, 236)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 236)  
}
```

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(218, 183, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.917, 315.425 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(218, 183, 236) }
```

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

```
.border{ border-color:rgb(218, 183, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 183, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 183, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 183, 236);  
box-shadow:4px 4px 4px 4px rgb(218, 183,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.917, 315.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 236) }
```

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

```
.background{ background-color: rgb(218,  
183, 236) }
```

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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