

Converting Colors

CIELCh(79, 43.660, 316.488)

Have a look what the booklet for
CIELCh(79, 43.660, 316.488)
contains.

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Color

CIELCh(79, 43.630, 316.384)

Conversions

Conversions Part 1

Format	Color
Hex	E4B1FC
RGB	228, 177, 252
RGB Percent	89%, 69%, 99%
CMY	0.1061, 0.3061, 0.0120
CMYK	0.10, 0.30, 0.00, 0.01
HSL	281°, 92%, 84%
HSV	281°, 30%, 99%
XYZ	65.2455, 54.9284, 99.2057
YIQ	200.7990, 6.3210, 34.1370

Conversions

Conversions Part 2

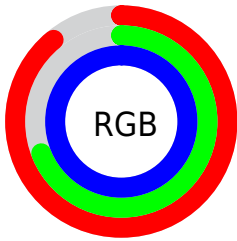
Format	Color
R _Y B	228, 177, 252
Decimal	14987772
CIE Lab	79.00, 31.59, -30.10
CIE LCh	79, 43.630, 316.384
Yxy	54.9284, 0.2974, 0.2504
Android (android.graphics.Color)	4293177852 (0xFFE4B1FC)
YUV	200.7990, 25.2421, 23.8553
Hunter-Lab	74.1137, 27.4425, -27.4837

Details

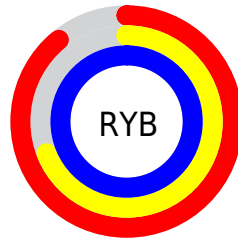
The CIELCh color $79, 43.630, 316.384$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $94, 42.579, 133.680$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $59, 43.430, 316.525$ is the 20% darker color. If you saturate the color by 10%, you get $73, 58.484, 316.815$, and if you desaturate by 10%, it is $86, 28.752, 315.938$.

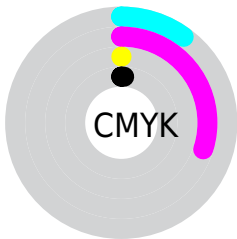
Distribution



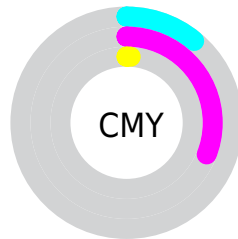
- Red (89%)
- Green (69%)
- Blue (99%)



- Red (89%)
- Yellow (69%)
- Blue (99%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (31%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 43.630, 316.384 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, 43.630, 316.384 by changing the saturation by 10% instead.

 79, 43.630,
316.384

 79, 43.630,
316.384


 100, 43.630,
316.384

 69, 43.630,
316.384

 99, 43.630,
316.384

 59, 43.630,
316.384

 49, 43.630,
316.384

 39, 43.630,
316.384

 29, 43.630,
316.384

 19, 43.630,
316.384

 9, 43.630, 316.384

■ 0, 43.630, 316.384

■ 79, 43.630,
316.384

■ 79, 43.630,
316.384

■ 73, 58.484,
316.815

■ 86, 28.752,
315.938

■ 67, 72.992,
317.200

■ 92, 14.062,
315.492

■ 61, 86.661,
317.497

■ 99, 0.321, 135.735

■ 56, 98.816,
317.647

■ 100, 1.542,
110.013

■ 52, 108.661,
317.580

■ 49, 115.464,
317.225

■ 47,119.170,
316.567

■ 47,119.244,
316.551

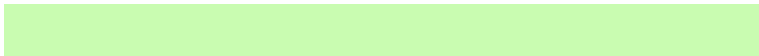
Harmonies

Complementary

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



79, 43.630, 316.384



94, 42.579, 133.680

Rectangle

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



79, 43.630, 316.384



79, 43.630, 6.384



79, 43.630, 136.384



79, 43.630, 186.384

Sweetspot

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



79, 43.628, 316.384



94, 13.076, 315.458



81, 27.432, 275.774



49, 9.100, 315.523



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, 43.628, 316.384



76, 53.430, 316.657



81, 42.020, 331.253



49, 8.129, 315.480



35, 95.859, 316.725



7, 42.988, 317.970

Inverse Universe

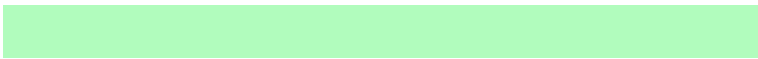
The Inverse Universe completely reimagines the original color for something new.



80, 30.695, 357.881



77, 37.734, 358.805



93, 41.899, 147.147



49, 5.630, 355.437



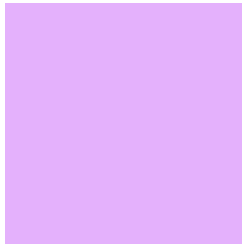
40, 69.324, 19.375



9, 30.517, 10.656

Previews

White Background



This preview shows how the CIELCh color 79, 43.630, 316.384 looks on a white background.

Color Contrast Check

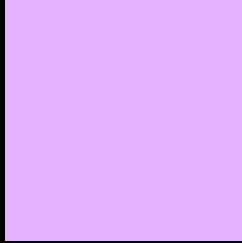
Large Text (above 18pt) WCAG AA × Fail

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, 43.630, 316.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

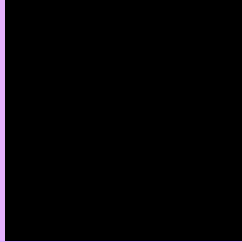
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 43.630, 316.384

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.630, 316.384.



This preview shows how white text looks on a background with the CIELCh color 79, 43.630, 316.384.

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, 43.630, 316.384

Protanopia
79, 32.759, 284.817

Deuteranopia
79, 30.474, 289.852



Tritanopia
79, 14.334, 349.299

Trichromacy



Original Color
79, 43.630, 316.384

Protanomaly
79, 35.510, 297.934

Deuteranomaly
79, 34.181, 301.350

Tritanomaly
79, 24.440, 327.542

Monochromacy



Original Color
79, 43.630, 316.384

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 16.462, 315.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.630, 316.384 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(228, 177, 252)` looks like.

```
.text, #text, p{  
    color:rgb(228, 177, 252)  
}
```

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(228, 177, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 177, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.630, 316.384 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(228, 177, 252) }
```

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

```
.border{ border-color:rgb(228, 177, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 177, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 177, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 177, 252);  
box-shadow:4px 4px 4px 4px rgb(228, 177,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.630, 316.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 177, 252) }
```

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

```
.background{ background-color: rgb(228,  
177, 252) }
```

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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