

Converting Colors

CIELCh(82, 23.422, 316.636)

Have a look what the booklet for
CIELCh(82, 23.422, 316.636)
contains.

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Color

CIELCh(82, 23.471, 316.454)

Conversions

Conversions Part 1

Format	Color
Hex	DEC2EA
RGB	222, 194, 234
RGB Percent	87%, 76%, 92%
CMY	0.1279, 0.2378, 0.0809
CMYK	0.05, 0.17, 0.00, 0.08
HSL	282°, 49%, 84%
HSV	282°, 17%, 92%
XYZ	64.5187, 60.2982, 86.3654
YIQ	206.9320, 3.8480, 18.3760

Conversions

Conversions Part 2

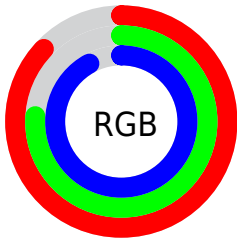
Format	Color
R _Y B	222, 194, 234
Decimal	14598890
CIE Lab	82.00, 17.01, -16.17
CIE LCh	82, 23.471, 316.454
Yxy	60.2982, 0.3055, 0.2855
Android (android.graphics.Color)	4292788970 (0xFFDEC2EA)
YUV	206.9320, 13.3445, 13.2146
Hunter-Lab	77.6519, 12.4197, -11.5867

Details

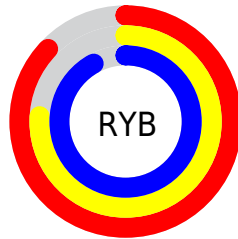
The CIELCh color **82, 23.471, 316.454** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90, 23.164, 134.972**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **62, 23.607, 316.960** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.512, 316.897**, and if you desaturate by 10%, it is **88, 9.622, 316.009**.

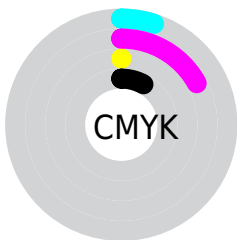
Distribution



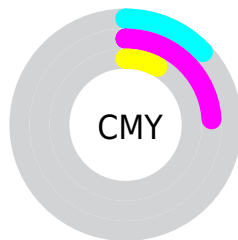
- Red (87%)
- Green (76%)
- Blue (92%)



- Red (87%)
- Yellow (76%)
- Blue (92%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)





- Cyan (13%)
- Magenta (24%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 23.471, 316.454 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 82, 23.471, 316.454 by changing the saturation by 10% instead.


 82, 23.471,
316.454


 82, 23.471,
316.454


 100, 23.471,
316.454


 72, 23.471,
316.454

 62, 23.471,
316.454

 52, 23.471,
316.454

 42, 23.471,
316.454

 32, 23.471,
316.454

 22, 23.471,
316.454

 12, 23.471,

316.454

■ 2, 23.471, 316.454

■ 0, 23.471, 316.454

■ 82, 23.471,
316.454

■ 82, 23.471,
316.454

■ 76, 37.512,
316.897

■ 88, 9.622, 316.009

■ 70, 51.578,
317.329

■ 95, 3.924, 135.669

■ 64, 65.385,
317.723

■ 99, 11.279,
130.776

■ 59, 78.511,
318.041

■ 99, 10.582,
118.162

■ 54, 90.370,

■ 100, 10.438,
109.388

318.232

■ 50, 100.245,
318.233

■ 47, 107.432,
317.976

■ 45, 111.552,
317.414

■ 44, 112.441,
317.222

Harmonies

Complementary

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



82, 23.471, 316.454



90, 23.164, 134.972

Rectangle

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



82, 23.471, 316.454



82, 23.471, 6.454



82, 23.471, 136.454



82, 23.471, 186.454

Sweetspot

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



82, 23.469, 316.453



97, 7.272, 315.914



83, 15.260, 276.052



51, 4.965, 315.947



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 23.469, 316.453



86, 29.523, 316.588



83, 22.194, 331.594



46, 7.757, 316.116



34, 92.589, 317.379



6, 38.493, 318.353

Inverse Universe

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



82, 16.126, 357.653



87, 20.345, 358.010



89, 22.111, 149.360



46, 5.290, 356.807



38, 67.773, 21.023



7, 27.799, 9.367

Previews

White Background



This preview shows how the CIELCh color 82, 23.471, 316.454 looks on a white background.

Color Contrast Check

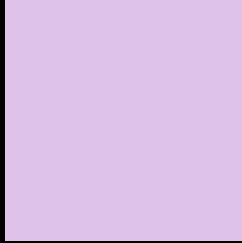
Large Text (above 18pt) WCAG AA × Fail

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 82, 23.471, 316.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

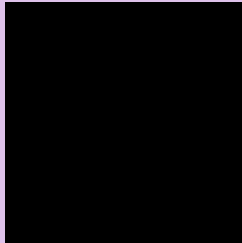
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 23.471, 316.454

Background



This preview shows how black text looks on a background with the CIELCh color 82, 23.471, 316.454.



This preview shows how white text looks on a background with the CIELCh color 82, 23.471, 316.454.

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
82, 11.437, 332.484

Trichromacy



Original Color
82, 23.471, 316.454

Protanomaly
82, 20.897, 298.491

Deuteranomaly
82, 20.701, 309.333

Tritanomaly
82, 15.218, 323.874

Monochromacy



Original Color
82, 23.471, 316.454

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.915, 317.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 23.471, 316.454 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(222, 194, 234)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 234)  
}
```

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(222, 194, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 23.471, 316.454 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(222, 194, 234) }
```

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

```
.border{ border-color:rgb(222, 194, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 234);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 23.471, 316.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 234) }
```

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

```
.background{ background-color: rgb(222,  
194, 234) }
```

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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