

Converting Colors

CIELCh(82, 39.596, 308.692)

Have a look what the booklet for
CIELCh(82, 39.596, 308.692)
contains.

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Color

CIELCh(82, 36.389, 310.559)

Conversions

Conversions Part 1

Format	Color
Hex	E0BFFF
RGB	224, 191, 255
RGB Percent	88%, 75%, 100%
CMY	0.1221, 0.2516, 0.0000
CMYK	0.12, 0.25, 0.00, 0.00
HSL	271°, 100%, 87%
HSV	271°, 25%, 100%
XYZ	67.4920, 60.2982, 103.4421
YIQ	208.1630, -0.8760, 26.9000

Conversions

Conversions Part 2

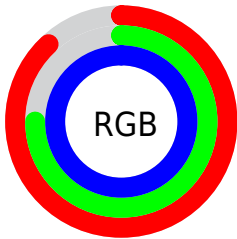
Format	Color
R_{YB}	224, 191, 255
Decimal	14729215
CIE _{Lab}	82.00, 23.66, -27.65
CIE _{LCh}	82, 36.389, 310.559
Yxy	60.2982, 0.2919, 0.2608
Android (android.graphics.Color)	4292919295 (0xFFE0BFFF)
YUV	208.1630, 23.0906, 13.8890
Hunter-Lab	77.6519, 19.2543, -24.6254

Details

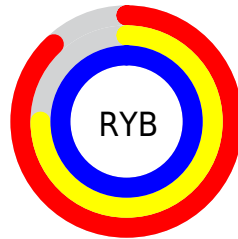
The CIELCh color **82, 36.389, 310.559** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 34.746, 128.424**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **62, 36.024, 310.835** is the 20% darker color. If you saturate the color by 10%, you get **75, 50.784, 311.311**, and if you desaturate by 10%, it is **89, 21.375, 310.272**.

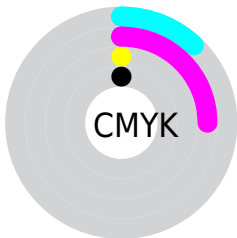
Distribution



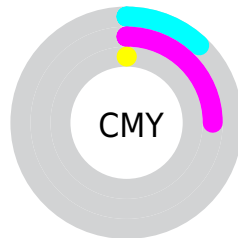
- Red (88%)
- Green (75%)
- Blue (100%)



- Red (88%)
- Yellow (75%)
- Blue (100%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 36.389, 310.559 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, 36.389, 310.559 by changing the saturation by 10% instead.


 82, 36.389,
310.559


 82, 36.389,
310.559


 100, 36.389,
310.559


 72, 36.389,
310.559

 62, 36.389,
310.559

 52, 36.389,
310.559

 42, 36.389,
310.559

 32, 36.389,
310.559

 22, 36.389,
310.559

 12, 36.389,

310.559

■ 2, 36.389, 310.559

■ 0, 36.389, 310.559

■ 82, 36.389,
310.559

■ 82, 36.389,
310.559

■ 75, 50.784,
311.311

■ 89, 21.375,
310.272

■ 68, 65.711,
311.843

■ 96, 7.175, 309.790

■ 62, 80.395,
312.337

100, 0.012,
296.813

■ 55, 94.300,
312.734

■ 50, 106.629,

312.944

■ 46, 116.379,
312.857

■ 43, 122.645,
312.366

■ 41, 124.644,
312.017

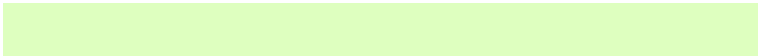
Harmonies

Complementary

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



82, 36.389, 310.559



96, 34.746, 128.424

Rectangle

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



82, 36.389, 310.559



82, 36.389, 0.559



82, 36.389, 130.559



82, 36.389, 180.559

Sweetspot

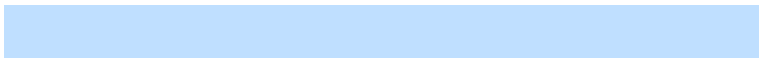
The Sweet Spot groups the original color and five complimentary colors.



82, 35.944, 310.780



94, 11.170, 309.927



87, 19.403, 259.252



49, 7.955, 309.998



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, 35.944, 310.780



79, 43.105, 311.035



85, 40.227, 325.820



49, 7.955, 309.998



30, 100.211, 312.213



6, 44.883, 313.287

Inverse Universe

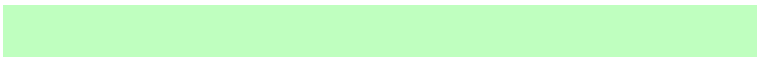
The Inverse Universe completely reimagines the original color for something new.



84, 28.409, 346.792



81, 33.961, 347.334



94, 40.215, 142.735



50, 6.320, 345.226



41, 68.114, 3.535



10, 31.736, 357.706

Previews

White Background



This preview shows how the CIELCh color 82, 36.389, 310.559 looks on a white background.

Color Contrast Check

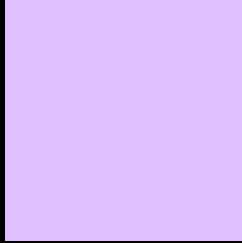
Large Text (above 18pt) WCAG AA × Fail

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, 36.389, 310.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

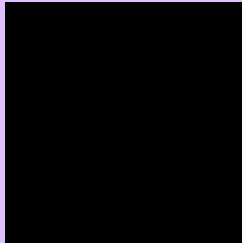
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 36.389, 310.559

Background



This preview shows how black text looks on a background with the CIELCh color 82, 36.389, 310.559.

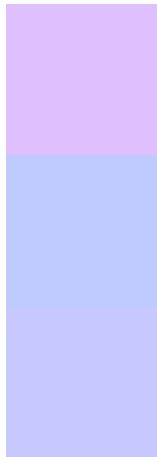


This preview shows how white text looks on a background with the CIELCh color 82, 36.389, 310.559.

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
82, 35.861, 310.803

Protanopia
82, 28.219, 285.423

Deuteranopia
82, 28.118, 291.930



Tritanopia
82, 10.966, 329.598

Trichromacy



Original Color
82, 35.861, 310.803

Protanomaly
82, 30.352, 295.838

Deuteranomaly
82, 30.561, 299.531

Tritanomaly
82, 20.167, 317.466

Monochromacy



Original Color
82, 35.861, 310.803

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.952, 310.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 36.389, 310.559 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(224, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 191, 255)  
}
```

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(224, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 191, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 36.389, 310.559 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(224, 191, 255) }
```

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

```
.border{ border-color:rgb(224, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 191,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 36.389, 310.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 191, 255) }
```

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

```
.background{ background-color: rgb(224,  
191, 255) }
```

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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