

Converting Colors

CIELCh(82, 36.785, 314.921)

Have a look what the booklet for
CIELCh(82, 36.785, 314.921)
contains.

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Color

CIELCh(82, 36.785, 314.921)

Conversions

Conversions Part 1

Format	Color
Hex	E6BDFD
RGB	230, 189, 253
RGB Percent	90%, 74%, 99%
CMY	0.0981, 0.2589, 0.0079
CMYK	0.09, 0.25, 0.00, 0.01
HSL	278°, 94%, 87%
HSV	278°, 25%, 99%
XYZ	68.5477, 60.2982, 100.9383
YIQ	208.5550, 3.8920, 28.5960

Conversions

Conversions Part 2

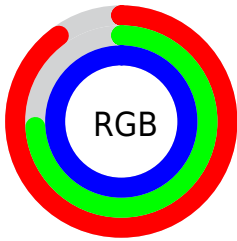
Format	Color
R _Y B	230, 189, 253
Decimal	15121917
CIE Lab	82.00, 25.98, -26.05
CIE LCh	82, 36.785, 314.921
Yxy	60.2982, 0.2983, 0.2624
Android (android.graphics.Color)	4293311997 (0xFFE6BDFD)
YUV	208.5550, 21.9114, 18.8073
Hunter-Lab	77.6519, 21.6811, -22.7137

Details

The CIELCh color $82, 36.785, 314.921$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 35.918, 132.667$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 5.604, 324.582$, and $62, 36.929, 315.123$ is the 20% darker color. If you saturate the color by 10%, you get $75, 51.675, 315.373$, and if you desaturate by 10%, it is $89, 22.022, 314.467$.

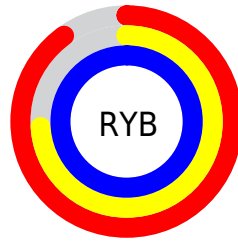
Distribution



Red (90%)

Green (74%)

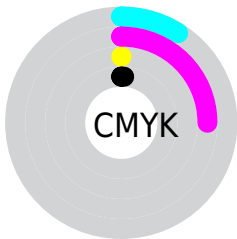
Blue (99%)



Red (90%)

Yellow (74%)

Blue (99%)

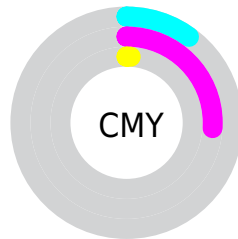


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (1%)



Cyan (10%)


Magenta (26%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 36.785, 314.921 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, 36.785, 314.921 by changing the saturation by 10% instead.


 82, 36.785,
314.921


 82, 36.785,
314.921


 100, 36.785,
314.921


 72, 36.785,
314.921

 62, 36.785,
314.921

 52, 36.785,
314.921

 42, 36.785,
314.921

 32, 36.785,
314.921

 22, 36.785,
314.921

 12, 36.785,

314.921

■ 2, 36.785, 314.921

■ 0, 36.785, 314.921

■ 82, 36.785,
314.921

■ 82, 36.785,
314.921

■ 75, 51.675,
315.373

■ 89, 22.022,
314.467

■ 69, 66.449,
315.801

■ 96, 7.539, 314.018

■ 63, 80.709,
316.166

100, 1.012,
110.026

■ 58, 93.872,
316.413

■ 53, 105.169,

316.472

■ 49, 113.752,
316.260

■ 46, 118.998,
315.705

■ 45, 120.574,
315.356

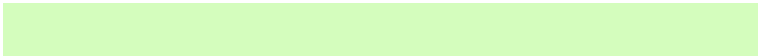
Harmonies

Complementary

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



82, 36.785, 314.921



95, 35.918, 132.667

Rectangle

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



82, 36.785, 314.921



82, 36.785, 4.921



82, 36.785, 134.921



82, 36.785, 184.921

Sweetspot

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



82, 36.783, 314.921



94, 11.496, 314.142



85, 22.404, 272.236



49, 8.184, 314.209



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, 36.783, 314.921



79, 44.067, 315.135



84, 36.702, 329.830



49, 8.184, 314.209



34, 97.582, 315.534



8, 44.475, 316.816

Inverse Universe

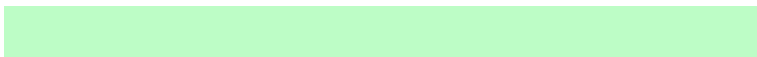
The Inverse Universe completely reimagines the original color for something new.



83, 26.489, 354.612



81, 31.784, 355.226



94, 36.623, 146.502



50, 5.848, 352.819



40, 69.018, 15.730



10, 31.295, 8.234

Previews

White Background



This preview shows how the CIELCh color 82, 36.785, 314.921 looks on a white background.

Color Contrast Check

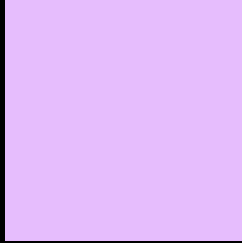
Large Text (above 18pt) WCAG AA × Fail

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, 36.785, 314.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

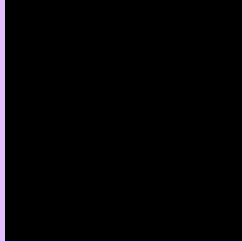
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 36.785, 314.921

Background



This preview shows how black text looks on a background with the CIELCh color 82, 36.785, 314.921.



This preview shows how white text looks on a background with the CIELCh color 82, 36.785, 314.921.

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, 12.683, 341.709

Trichromacy



Original Color
82, 36.785, 314.921

Protanomaly
82, 30.456, 297.688

Deuteranomaly
82, 30.255, 302.133

Tritanomaly
82, 20.931, 324.390

Monochromacy



Original Color
82, 36.785, 314.921

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 13.342, 314.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 36.785, 314.921 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(230, 189, 253)` looks like.

```
.text, #text, p{  
    color:rgb(230, 189, 253)  
}
```

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(230, 189, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 36.785, 314.921 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(230, 189, 253) }
```

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

```
.border{ border-color:rgb(230, 189, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 189, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 253);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 36.785, 314.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 189, 253) }
```

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

```
.background{ background-color: rgb(230,  
189, 253) }
```

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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