

Converting Colors

CIELCh(81, 39.419, 314.375)

Have a look what the booklet for
CIELCh(81, 39.419, 314.375)
contains.

CIELCh(81, 39.554, 314.442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 39.554, 314.442)

Conversions

Conversions Part 1

Format	Color
Hex	E4B9FE
RGB	228, 185, 254
RGB Percent	89%, 73%, 100%
CMY	0.1051, 0.2738, 0.0031
CMYK	0.10, 0.27, 0.00, 0.00
HSL	277°, 98%, 86%
HSV	277°, 27%, 100%
XYZ	67.3666, 58.4711, 101.6684
YIQ	205.7230, 3.4790, 30.5750

Conversions

Conversions Part 2

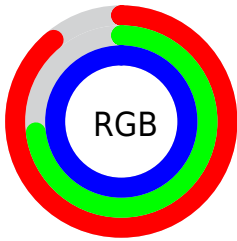
Format	Color
R _Y B	228, 185, 254
Decimal	14989822
CIE Lab	81.00, 27.70, -28.24
CIE LCh	81, 39.554, 314.442
Yxy	58.4711, 0.2961, 0.2570
Android (android.graphics.Color)	4293179902 (0xFFE4B9FE)
YUV	205.7230, 23.8006, 19.5369
Hunter-Lab	76.4664, 23.4416, -25.3045

Details

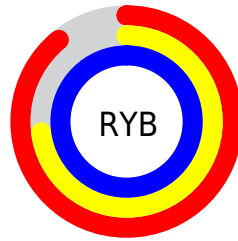
The CIELCh color $81, 39.554, 314.442$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 38.494, 132.007$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 8.725, 324.710$, and $61, 39.191, 314.437$ is the 20% darker color. If you saturate the color by 10%, you get $74, 54.484, 314.900$, and if you desaturate by 10%, it is $88, 24.735, 313.982$.

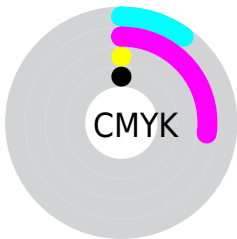
Distribution



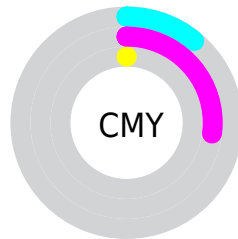
- Red (89%)
- Green (73%)
- Blue (100%)



- Red (89%)
- Yellow (73%)
- Blue (100%)



- Cyan (10%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (27%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 39.554, 314.442 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 81, 39.554, 314.442 by changing the saturation by 10% instead.


 81, 39.554,
314.442

 81, 39.554,
314.442


 100, 39.554,
314.442

 71, 39.554,
314.442


 61, 39.554,
314.442

 51, 39.554,
314.442

 41, 39.554,
314.442

 31, 39.554,
314.442

 21, 39.554,
314.442

 11, 39.554,

314.442

■ 1, 39.554, 314.442

■ 0, 39.554, 314.442

■ 81, 39.554,
314.442

■ 81, 39.554,
314.442

■ 74, 54.484,
314.900

■ 88, 24.735,
313.982

■ 68, 69.267,
315.330

■ 95, 10.190,
313.532

■ 62, 83.480,
315.690

100, 0.394,
109.952

■ 56, 96.505,
315.922

■ 52, 107.534,

315.948

■ 48, 115.704,
315.683

■ 46, 120.468,
315.059

■ 45, 121.457,
314.847

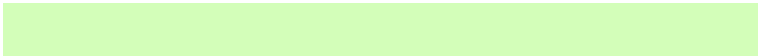
Harmonies

Complementary

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



81, 39.554, 314.442



95, 38.494, 132.007

Rectangle

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



81, 39.554, 314.442



81, 39.554, 4.442



81, 39.554, 134.442



81, 39.554, 184.442

Sweetspot

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



81, 39.552, 314.442



94, 11.447, 313.571



84, 23.690, 271.160



49, 8.150, 313.638



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 39.552, 314.442



77, 48.415, 314.712



83, 39.984, 329.398



49, 8.150, 313.638



33, 97.929, 315.031



7, 44.564, 316.323

Inverse Universe

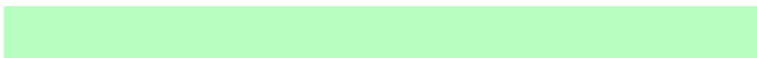
The Inverse Universe completely reimagines the original color for something new.



82, 28.843, 353.696



79, 35.331, 354.475



94, 39.920, 145.830



50, 5.906, 351.695



41, 68.675, 14.057



10, 31.282, 6.770

Previews

White Background



This preview shows how the CIELCh color 81, 39.554, 314.442 looks on a white background.

Color Contrast Check

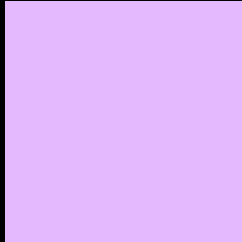
Large Text (above 18pt) WCAG AA × Fail

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 81, 39.554, 314.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

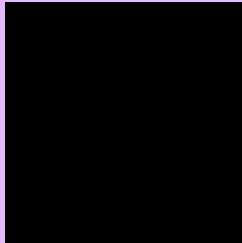
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 39.554, 314.442

Background



This preview shows how black text looks on a background with the CIELCh color 81, 39.554, 314.442.

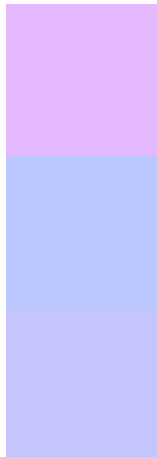


This preview shows how white text looks on a background with the CIELCh color 81, 39.554, 314.442.

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
81, 39.554, 314.442

Protanopia
81, 29.898, 285.433

Deuteranopia
81, 29.255, 291.448



Tritanopia
81, 12.717, 341.723

Trichromacy



Original Color
81, 39.554, 314.442



Protanomaly
81, 32.650, 297.527



Deuteranomaly
81, 32.377, 301.055

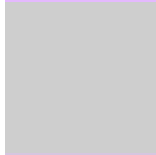


Tritanomaly
81, 21.612, 324.445

Monochromacy



Original Color
81, 39.554, 314.442



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 14.987, 313.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 39.554, 314.442 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, 185, 254)` looks like.

```
.text, #text, p{  
    color:rgb(228, 185, 254)  
}
```

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, 185, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 185, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 39.554, 314.442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

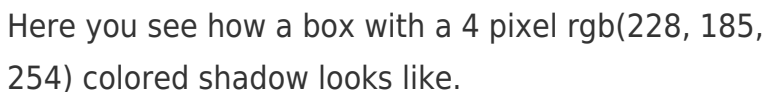
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 185, 254) }
```

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

```
.border{ border-color:rgb(228, 185, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 185, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 185, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 185, 254);  
box-shadow:4px 4px 4px 4px rgb(228, 185,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 39.554, 314.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 185, 254) }
```

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

```
.background{ background-color: rgb(228,  
185, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor