

Converting Colors

CIELCh(81, 42.572, 318.313)

Have a look what the booklet for
CIELCh(81, 42.572, 318.313)
contains.

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Color

CIELCh(81, 42.422, 318.531)

Conversions

Conversions Part 1

Format	Color
Hex	ECB6FE
RGB	236, 182, 254
RGB Percent	93%, 71%, 100%
CMY	0.0743, 0.2861, 0.0038
CMYK	0.07, 0.28, 0.00, 0.00
HSL	285°, 97%, 86%
HSV	285°, 28%, 100%
XYZ	69.2389, 58.4711, 101.4385
YIQ	206.3540, 9.0720, 33.8400

Conversions

Conversions Part 2

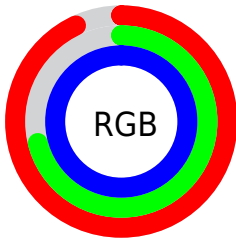
Format	Color
R _Y B	236, 182, 254
Decimal	15513342
CIE _{Lab}	81.00, 31.79, -28.09
CIE _{LCh}	81, 42.422, 318.531
Y _{xy}	58.4711, 0.3022, 0.2552
Android (android.graphics.Color)	4293703422 (0xFFECB6FE)
YUV	206.3540, 23.4895, 25.9995
Hunter-Lab	76.4664, 27.8121, -25.1262

Details

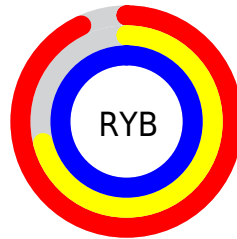
The CIELCh color $81, 42.422, 318.531$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 41.700, 135.876$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $61, 42.621, 318.456$ is the 20% darker color. If you saturate the color by 10%, you get $75, 57.475, 318.956$, and if you desaturate by 10%, it is $87, 27.285, 318.086$.

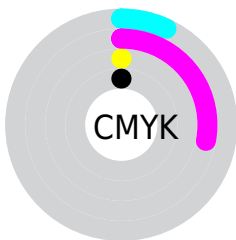
Distribution



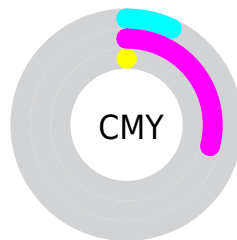
- Red (93%)
- Green (71%)
- Blue (100%)



- Red (93%)
- Yellow (71%)
- Blue (100%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 42.422, 318.531 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, 42.422, 318.531 by changing the saturation by 10% instead.


 81, 42.422,
318.531


 81, 42.422,
318.531


 100, 42.422,
318.531


 71, 42.422,
318.531

 61, 42.422,
318.531

 51, 42.422,
318.531

 41, 42.422,
318.531

 31, 42.422,
318.531

 21, 42.422,
318.531

 11, 42.422,

318.531

■ 1, 42.422, 318.531

■ 0, 42.422, 318.531

■ 81, 42.422,
318.531

■ 81, 42.422,
318.531

■ 75, 57.475,
318.956

■ 87, 27.285,
318.086

■ 69, 72.103,
319.334

■ 94, 12.298,
317.635

■ 63, 85.799,
319.627

100, 0.474,
109.979

■ 59, 97.903,
319.786

■ 55, 107.664,

319.755

■ 52, 114.421,
319.478

■ 50, 118.007,
318.929

■ 50, 118.456,
318.828

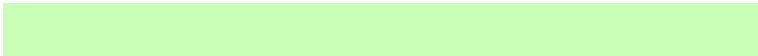
Harmonies

Complementary

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



81, 42.422, 318.531



95, 41.700, 135.876

Rectangle

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



81, 42.422, 318.531



81, 42.422, 8.531



81, 42.422, 138.531



81, 42.422, 188.531

Sweetspot

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



81, 42.420, 318.531



94, 13.318, 317.665



81, 29.076, 281.383



49, 9.268, 317.731



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, 42.420, 318.531



78, 51.124, 318.776



82, 38.042, 334.279



50, 8.417, 317.688



37, 95.613, 318.971



9, 43.773, 319.993

Inverse Universe

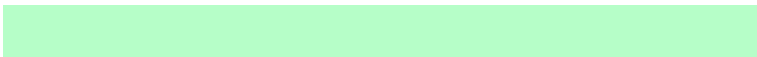
The Inverse Universe completely reimagines the original color for something new.



81, 28.638, 2.684



78, 34.783, 3.533



94, 37.778, 150.121



50, 5.536, 0.372



40, 72.625, 25.624



10, 31.700, 15.991

Previews

White Background



This preview shows how the CIELCh color 81, 42.422, 318.531 looks on a white background.

Color Contrast Check

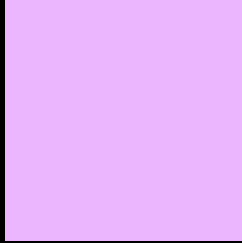
Large Text (above 18pt) WCAG AA × Fail

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, 42.422, 318.531 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, 42.422, 318.531

Background



This preview shows how black text looks on a background with the CIELCh color 81, 42.422, 318.531.

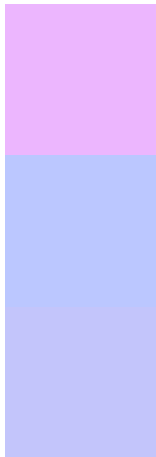


This preview shows how white text looks on a background with the CIELCh color 81, 42.422, 318.531.

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, 42.422, 318.531

Protanopia
81, 29.898, 285.433

Deuteranopia
81, 28.726, 291.378



Tritanopia
81, 16.138, 351.297

Trichromacy



Original Color
81, 42.422, 318.531



Protanomaly
81, 33.340, 299.730



Deuteranomaly
81, 32.618, 303.375

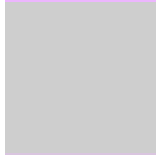


Tritanomaly
81, 24.393, 331.884

Monochromacy



Original Color
81, 42.422, 318.531



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 15.593, 318.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 42.422, 318.531 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(236, 182, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 182, 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(236, 182, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 182, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 42.422, 318.531 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(236, 182, 254) }
```

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

```
.border{ border-color:rgb(236, 182, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 182, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 182, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 182, 254); box-shadow:4px 4px 4px 4px rgb(236, 182, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 42.422, 318.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 182, 254) }
```

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

```
.background{ background-color: rgb(236,  
182, 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](#).

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