

Converting Colors

CIELCh(83, 60.733, 310.140)

Have a look what the booklet for
CIELCh(83, 60.733, 310.140)
contains.

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Color

CIELCh(81, 41.629, 317.958)

Conversions

Conversions Part 1

Format	Color
Hex	EBB7FE
RGB	235, 183, 254
RGB Percent	92%, 72%, 100%
CMY	0.0799, 0.2835, 0.0054
CMYK	0.07, 0.28, 0.00, 0.01
HSL	284°, 96%, 86%
HSV	284°, 28%, 99%
XYZ	68.8373, 58.4711, 101.1045
YIQ	206.6420, 8.2010, 33.1050

Conversions

Conversions Part 2

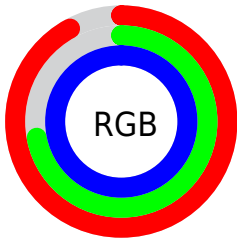
Format	Color
R _Y B	235, 183, 254
Decimal	15448062
CIE Lab	81.00, 30.92, -27.88
CIE LCh	81, 41.629, 317.958
Yxy	58.4711, 0.3014, 0.2560
Android (android.graphics.Color)	4293638142 (0xFFEBB7FE)
YUV	206.6420, 23.3475, 24.8700
Hunter-Lab	76.4664, 26.8747, -24.8673

Details

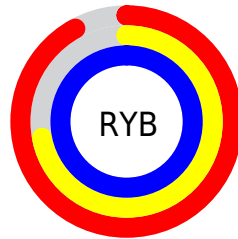
The CIELCh color $81, 41.629, 317.958$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 40.869, 135.371$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $61, 41.845, 317.853$ is the 20% darker color. If you saturate the color by 10%, you get $75, 56.648, 318.385$, and if you desaturate by 10%, it is $88, 26.561, 317.513$.

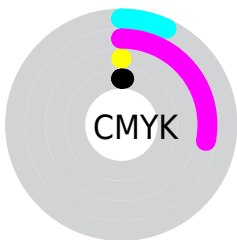
Distribution



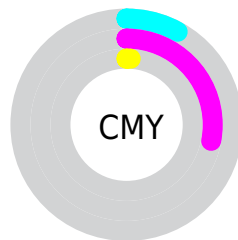
- Red (92%)
- Green (72%)
- Blue (100%)



- Red (92%)
- Yellow (72%)
- Blue (100%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)





- Cyan (8%)
- Magenta (28%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 41.629, 317.958 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, 41.629, 317.958 by changing the saturation by 10% instead.


 81, 41.629,
317.958


 81, 41.629,
317.958


 100, 41.629,
317.958


 71, 41.629,
317.958

 61, 41.629,
317.958

 51, 41.629,
317.958

 41, 41.629,
317.958

 31, 41.629,
317.958

 21, 41.629,
317.958

 11, 41.629,

317.958

■ 1, 41.629, 317.958

■ 0, 41.629, 317.958

■ 81, 41.629,
317.958

■ 81, 41.629,
317.958

■ 75, 56.648,
318.385

■ 88, 26.561,
317.513

■ 69, 71.291,
318.767

■ 94, 11.665,
317.065

■ 63, 85.068,
319.066

100, 0.688,
110.014

■ 58, 97.328,
319.233

■ 54, 107.307,

319.206

■ 51, 114.315,
318.927

■ 49, 118.105,
318.362

■ 49, 118.676,
318.231

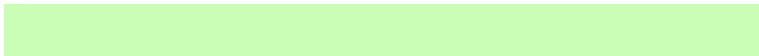
Harmonies

Complementary

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



81, 41.629, 317.958



95, 40.869, 135.371

Rectangle

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



81, 41.629, 317.958



81, 41.629, 7.958



81, 41.629, 137.958



81, 41.629, 187.958

Sweetspot

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



81, 41.627, 317.958



95, 11.770, 317.066



82, 27.497, 279.095



50, 8.377, 317.135



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, 41.627, 317.958



78, 50.941, 318.220



82, 38.362, 332.957



50, 8.377, 317.135



37, 95.904, 318.381



9, 43.882, 319.458

Inverse Universe

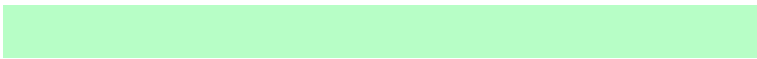
The Inverse Universe completely reimagines the original color for something new.



81, 28.361, 1.338



78, 34.955, 2.233



94, 38.166, 148.981



50, 5.580, 359.089



40, 71.885, 24.113



10, 31.608, 14.897

Previews

White Background



This preview shows how the CIELCh color 81, 41.629, 317.958 looks on a white background.

Color Contrast Check

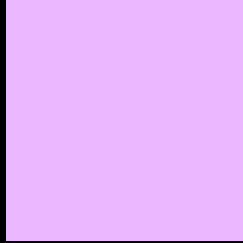
Large Text (above 18pt) WCAG AA × Fail

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, 41.629, 317.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

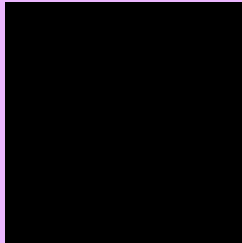
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 41.629, 317.958

Background



This preview shows how black text looks on a background with the CIELCh color 81, 41.629, 317.958.



This preview shows how white text looks on a background with the CIELCh color 81, 41.629, 317.958.

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, 41.662, 317.962

Protanopia

81, 29.898, 285.433

Deuteranopia

81, 28.726, 292.021



Tritanopia
81, 15.479, 349.847

Trichromacy



Original Color
81, 41.662, 317.962



Protanomaly
81, 32.777, 299.242



Deuteranomaly
81, 32.618, 303.375



Tritanomaly
81, 23.705, 329.787

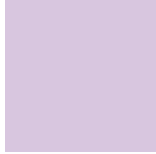
Monochromacy



Original Color
81, 41.662, 317.962



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 14.793, 316.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 41.629, 317.958 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(235, 183, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 183, 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(235, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 183, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 41.629, 317.958 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(235, 183, 254) }
```

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

```
.border{ border-color:rgb(235, 183, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 183, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 183, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 183, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 183,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 41.629, 317.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 183, 254) }
```

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

```
.background{ background-color: rgb(235,  
183, 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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