

Converting Colors

CIELCh(81, 41.800, 331.877)

Have a look what the booklet for
CIELCh(81, 41.800, 331.877)
contains.

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Color

CIELCh(81, 42.035, 331.899)

Conversions

Conversions Part 1

Format	Color
Hex	FDB1EF
RGB	253, 177, 239
RGB Percent	99%, 69%, 94%
CMY	0.0084, 0.3064, 0.0633
CMYK	0.00, 0.30, 0.06, 0.01
HSL	311°, 95%, 84%
HSV	311°, 30%, 99%
XYZ	71.7113, 58.4711, 89.0596
YIQ	206.7920, 25.3940, 35.3940

Conversions

Conversions Part 2

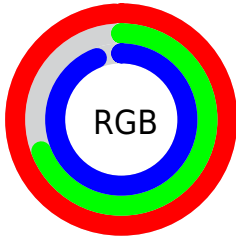
Format	Color
R_{YB}	253, 177, 239
Decimal	16626159
CIE _{Lab}	81.00, 37.08, -19.80
CIE _{LCh}	81, 42.035, 331.899
Yxy	58.4711, 0.3271, 0.2667
Android (android.graphics.Color)	4294816239 (0xFFFDB1EF)
YUV	206.7920, 15.8785, 40.5244
Hunter-Lab	76.4664, 33.5836, -15.5279

Details

The CIELCh color $81, 42.035, 331.899$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93, 41.882, 147.690$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $61, 42.159, 331.688$ is the 20% darker color. If you saturate the color by 10%, you get $76, 55.582, 332.581$, and if you desaturate by 10%, it is $87, 28.060, 331.234$.

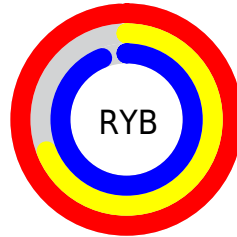
Distribution



Red (99%)

Green (69%)

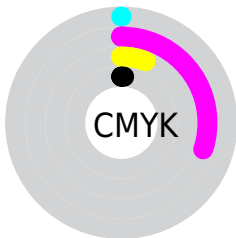
Blue (94%)



Red (99%)

Yellow (69%)

Blue (94%)

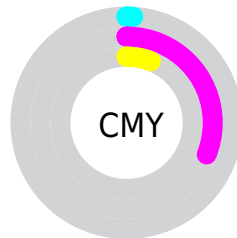


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 42.035, 331.899 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, 42.035, 331.899 by changing the saturation by 10% instead.


 81, 42.035,
331.899


 81, 42.035,
331.899


 100, 42.035,
331.899


 71, 42.035,
331.899

 61, 42.035,
331.899

 51, 42.035,
331.899

 41, 42.035,
331.899

 31, 42.035,
331.899

 21, 42.035,
331.899

 11, 42.035,

331.899

■ 1, 42.035, 331.899

■ 0, 42.035, 331.899

■ 81, 42.035,
331.899

■ 81, 42.035,
331.899

■ 76, 55.582,
332.581

■ 87, 28.060,
331.234

■ 71, 68.250,
333.279

■ 93, 14.001,
330.580

■ 66, 79.454,
333.997

■ 99, 0.081, 325.474

■ 63, 88.555,
334.747

100, 0.744,
200.249

■ 60, 94.982,

335.549

■ 58, 98.423,
336.434

■ 57, 99.232,
337.421

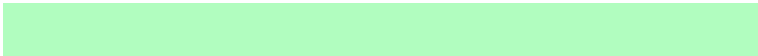
Harmonies

Complementary

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



81, 42.035, 331.899



93, 41.882, 147.690

Rectangle

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



81, 42.035, 331.899



81, 42.035, 21.899



81, 42.035, 151.899



81, 42.035, 201.899

Sweetspot

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



81, 42.032, 331.899



94, 12.615, 330.511



76, 41.358, 299.964



49, 8.774, 330.607



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, 42.032, 331.899



78, 50.514, 332.304



80, 31.051, 358.155



50, 7.971, 330.544



44, 80.627, 337.236



11, 37.722, 335.956

Inverse Universe

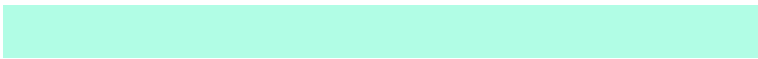
The Inverse Universe completely reimagines the original color for something new.



81, 42.032, 331.899



78, 50.514, 332.304



94, 28.538, 171.812



50, 7.971, 330.544



44, 80.627, 337.236



11, 37.722, 335.956

Previews

White Background



This preview shows how the CIELCh color 81, 42.035, 331.899 looks on a white background.

Color Contrast Check

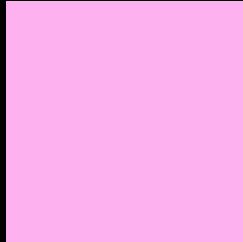
Large Text (above 18pt) WCAG AA × Fail

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, 42.035, 331.899 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, 42.035, 331.899

Background



This preview shows how black text looks on a background with the CIELCh color 81, 42.035, 331.899.



This preview shows how white text looks on a background with the CIELCh color 81, 42.035, 331.899.

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, 42.035, 331.899

Protanopia

81, 29.344, 285.846

Deuteranopia

81, 20.454, 299.594



Tritanopia
81, 25.328, 3.474

Trichromacy



Original Color
81, 42.035, 331.899



Protanomaly
81, 31.295, 305.680



Deuteranomaly
81, 26.979, 316.422

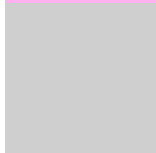


Tritanomaly
81, 30.331, 348.311

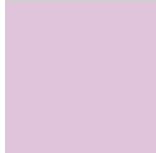
Monochromacy



Original Color
81, 42.035, 331.899



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 15.868, 330.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 42.035, 331.899 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(253, 177, 239)` looks like.

```
.text, #text, p{  
    color:rgb(253, 177, 239)  
}
```

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(253, 177, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 177, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 42.035, 331.899 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(253, 177, 239) }
```

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

```
.border{ border-color:rgb(253, 177, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 177, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 177, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 177, 239);  
box-shadow:4px 4px 4px 4px rgb(253, 177,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 42.035, 331.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 177, 239) }
```

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

```
.background{ background-color: rgb(253,  
177, 239) }
```

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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