

Converting Colors

CIELCh(81, 30.101, 338.772)

Have a look what the booklet for
CIELCh(81, 30.101, 338.772)
contains.

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Color

CIELCh(81, 30.101, 338.772)

Conversions

Conversions Part 1

Format	Color
Hex	F4B7DE
RGB	244, 183, 222
RGB Percent	96%, 72%, 87%
CMY	0.0425, 0.2817, 0.1288
CMYK	0.00, 0.25, 0.09, 0.04
HSL	322°, 74%, 84%
HSV	322°, 25%, 96%
XYZ	67.5315, 58.4711, 76.9409
YIQ	205.6850, 23.8370, 25.0610

Conversions

Conversions Part 2

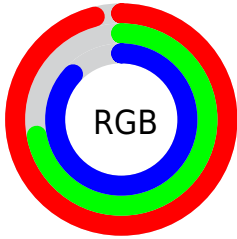
Format	Color
R_{YB}	244, 183, 222
Decimal	16037854
CIE _{Lab}	81.00, 28.06, -10.90
CIE _{LCh}	81, 30.101, 338.772
Yxy	58.4711, 0.3328, 0.2881
Android (android.graphics.Color)	4294227934 (0xFFFF4B7DE)
YUV	205.6850, 8.0433, 33.6023
Hunter-Lab	76.4664, 23.8265, -6.1314

Details

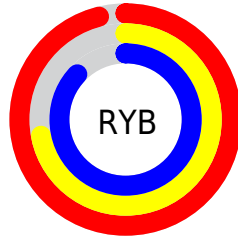
The CIELCh color $81, 30.101, 338.772$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91, 29.667, 154.795$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $61, 30.414, 338.519$ is the 20% darker color. If you saturate the color by 10%, you get $75, 42.096, 339.672$, and if you desaturate by 10%, it is $87, 17.965, 337.944$.

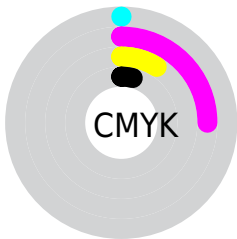
Distribution



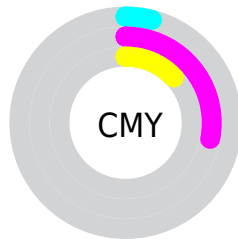
- Red (96%)
- Green (72%)
- Blue (87%)



- Red (96%)
- Yellow (72%)
- Blue (87%)



- Cyan (0%)
- Magenta (25%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (28%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 30.101, 338.772 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, 30.101, 338.772 by changing the saturation by 10% instead.


 81, 30.101,
338.772


 81, 30.101,
338.772


 100, 30.101,
338.772


 71, 30.101,
338.772

 61, 30.101,
338.772

 51, 30.101,
338.772

 41, 30.101,
338.772

 31, 30.101,
338.772

 21, 30.101,
338.772

 11, 30.101,

338.772

■ 1, 30.101, 338.772

■ 0, 30.101, 338.772

■ 81, 30.101,
338.772

■ 81, 30.101,
338.772

■ 75, 42.096,
339.672

■ 87, 17.965,
337.944

■ 70, 53.614,
340.663

■ 93, 5.927, 337.138

■ 65, 64.179,
341.779

■ 99, 5.030, 158.741

■ 99, 3.746, 199.345

■ 61, 73.206,
343.069

■ 58, 80.085,

344.603

■ 56, 84.341,
346.475

■ 54, 85.861,
348.796

■ 54, 85.915,
350.115

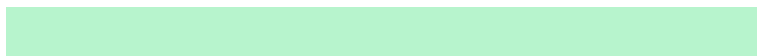
Harmonies

Complementary

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



81, 30.101, 338.772



91, 29.667, 154.795

Rectangle

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



81, 30.101, 338.772



81, 30.101, 28.772



81, 30.101, 158.772



81, 30.101, 208.772

Sweetspot

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



81, 30.098, 338.773



95, 8.636, 337.308



78, 33.621, 305.181



50, 5.614, 337.357



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, 30.098, 338.773



81, 37.446, 339.220



80, 23.710, 9.729



48, 6.798, 337.506



41, 70.314, 349.615



9, 32.132, 345.868

Inverse Universe

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



81, 30.098, 338.773



81, 37.446, 339.220



92, 21.037, 184.989



48, 6.798, 337.506



41, 70.314, 349.615



9, 32.132, 345.868

Previews

White Background



This preview shows how the CIELCh color 81, 30.101, 338.772 looks on a white background.

Color Contrast Check

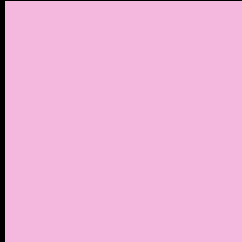
Large Text (above 18pt) WCAG AA × Fail

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, 30.101, 338.772 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, 30.101, 338.772

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.101, 338.772.



This preview shows how white text looks on a background with the CIELCh color 81, 30.101, 338.772.

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, 30.101, 338.772

Protanopia
81, 17.562, 287.290

Deuteranopia
81, 14.190, 316.442

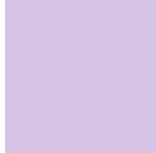


Tritanopia
81, 21.516, 1.201

Trichromacy



Original Color
81, 30.101, 338.772



Protanomaly
81, 19.984, 312.181



Deuteranomaly
81, 19.904, 327.833

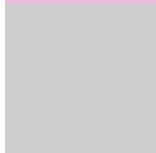


Tritanomaly
81, 23.945, 351.029

Monochromacy



Original Color
81, 30.101, 338.772



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 10.950, 337.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.101, 338.772 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(244, 183, 222)` looks like.

```
.text, #text, p{  
    color:rgb(244, 183, 222)  
}
```

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(244, 183, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 183, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.101, 338.772 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(244, 183, 222) }
```

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

```
.border{ border-color:rgb(244, 183, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 183, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 183, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 183, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 183,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.101, 338.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 183, 222) }
```

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

```
.background{ background-color: rgb(244,  
183, 222) }
```

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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