

Converting Colors

CIELCh(81, 27.126, 302.420)

Have a look what the booklet for
CIELCh(81, 27.126, 302.420)
contains.

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Color

CIELCh(81, 27.126, 302.420)

Conversions

Conversions Part 1

Format	Color
Hex	D0C2F4
RGB	208, 194, 244
RGB Percent	82%, 76%, 96%
CMY	0.1846, 0.2395, 0.0435
CMYK	0.15, 0.20, 0.00, 0.04
HSL	257°, 69%, 86%
HSV	257°, 20%, 96%
XYZ	61.5782, 58.4711, 93.5594
YIQ	203.8860, -7.7060, 18.5180

Conversions

Conversions Part 2

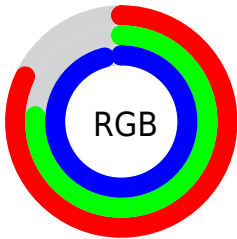
Format	Color
R _Y B	208, 194, 244
Decimal	13681396
CIE _{Lab}	81.00, 14.54, -22.90
CIE _{LCh}	81, 27.126, 302.420
Y _{xy}	58.4711, 0.2883, 0.2737
Android (android.graphics.Color)	4291871476 (0xFFD0C2F4)
YUV	203.8860, 19.7762, 3.6080
Hunter-Lab	76.4664, 9.9295, -19.0170

Details

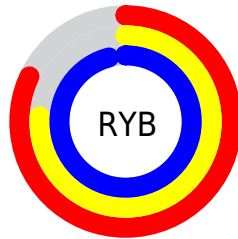
The CIELCh color **81, 27.126, 302.420** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94, 26.035, 119.815**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **61, 27.551, 302.469** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.083, 303.232**, and if you desaturate by 10%, it is **88, 13.643, 301.699**.

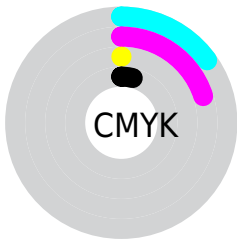
Distribution



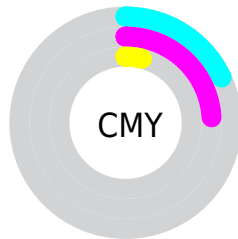
- Red (82%)
- Green (76%)
- Blue (96%)



- Red (82%)
- Yellow (76%)
- Blue (96%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)





- Cyan (18%)
- Magenta (24%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 27.126, 302.420 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, 27.126, 302.420 by changing the saturation by 10% instead.


 81, 27.126,
302.420


 81, 27.126,
302.420


 100, 27.126,
302.420


 71, 27.126,
302.420


 61, 27.126,
302.420

 51, 27.126,
302.420

 41, 27.126,
302.420

 31, 27.126,
302.420

 21, 27.126,
302.420

 11, 27.126,

302.420

■ 1, 27.126, 302.420

■ 0, 27.126, 302.420

■ 81, 27.126,
302.420

■ 81, 27.126,
302.420

■ 74, 41.083,
303.232

■ 88, 13.643,
301.699

■ 66, 55.474,
304.135

■ 96, 0.643, 301.001

■ 59, 70.166,
305.108

■ 100, 5.610,
109.745

■ 52, 84.858,
306.106

■ 46, 98.957,

307.038

■ 40, 111.430,
307.757

■ 36, 120.842,
308.070

■ 33, 126.232,
307.928

Harmonies

Complementary

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



81, 27.126, 302.420



94, 26.035, 119.815

Rectangle

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



81, 27.126, 302.420



81, 27.126, 352.420



81, 27.126, 122.420



81, 27.126, 172.420

Sweetspot

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



81, 27.124, 302.419



95, 8.024, 301.405



89, 13.843, 228.956



50, 5.328, 301.447



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, 27.124, 302.419



81, 34.581, 302.778



83, 29.670, 318.697



47, 7.396, 301.632



25, 102.858, 308.071



4, 40.773, 306.155

Inverse Universe

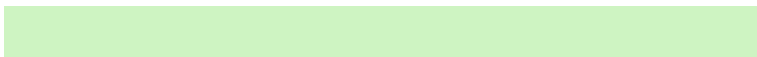
The Inverse Universe completely reimagines the original color for something new.



84, 26.053, 334.899



84, 32.976, 335.242



92, 29.327, 136.816



48, 7.201, 334.097



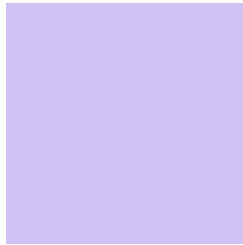
42, 73.817, 343.443



10, 33.664, 340.897

Previews

White Background



This preview shows how the CIELCh color 81, 27.126, 302.420 looks on a white background.

Color Contrast Check

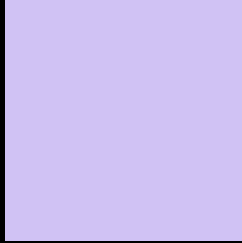
Large Text (above 18pt) WCAG AA × Fail

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, 27.126, 302.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

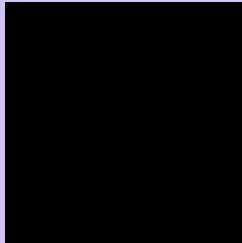
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 27.126, 302.420

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.126, 302.420.

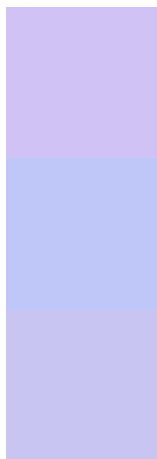


This preview shows how white text looks on a background with the CIELCh color 81, 27.126, 302.420.

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, 27.126, 302.420

Protanopia

81, 26.138, 286.031

Deuteranopia

81, 24.522, 294.638



Tritanopia
81, 8.653, 300.383

Trichromacy



Original Color
81, 27.126, 302.420

Protanomaly
81, 26.610, 292.491

Deuteranomaly
81, 25.178, 297.671

Tritanomaly
81, 15.734, 301.707

Monochromacy



Original Color
81, 27.126, 302.420

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.278, 300.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.126, 302.420 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(208, 194, 244)` looks like.

```
.text, #text, p{  
    color:rgb(208, 194, 244)  
}
```

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(208, 194, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 194, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.126, 302.420 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(208, 194, 244) }
```

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

```
.border{ border-color:rgb(208, 194, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 194, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 194, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 194, 244);  
box-shadow:4px 4px 4px 4px rgb(208, 194,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.126, 302.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 194, 244) }
```

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

```
.background{ background-color: rgb(208,  
194, 244) }
```

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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