

Converting Colors

CIELCh(81, 27.542, 305.469)

Have a look what the booklet for
CIELCh(81, 27.542, 305.469)
contains.

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Color

CIELCh(81, 27.417, 305.228)

Conversions

Conversions Part 1

Format	Color
Hex	D3C1F3
RGB	211, 193, 243
RGB Percent	83%, 76%, 95%
CMY	0.1725, 0.2431, 0.0470
CMYK	0.13, 0.21, 0.00, 0.05
HSL	262°, 68%, 85%
HSV	262°, 21%, 95%
XYZ	62.1230, 58.4711, 92.8200
YIQ	204.0820, -5.3220, 19.3660

Conversions

Conversions Part 2

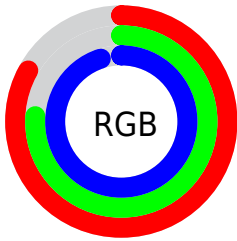
Format	Color
R _{YB}	211, 193, 243
Decimal	13877747
CIE _{Lab}	81.00, 15.81, -22.40
CIE _{LCh}	81, 27.417, 305.228
Yxy	58.4711, 0.2911, 0.2740
Android (android.graphics.Color)	4292067827 (0xFFD3C1F3)
YUV	204.0820, 19.1866, 6.0671
Hunter-Lab	76.4664, 11.2013, -18.4437

Details

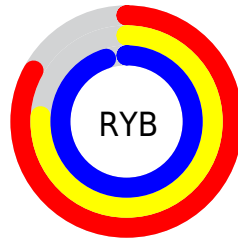
The CIELCh color **81, 27.417, 305.228** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93, 26.421, 122.942**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **61, 27.838, 305.342** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.400, 305.915**, and if you desaturate by 10%, it is **88, 13.857, 304.606**.

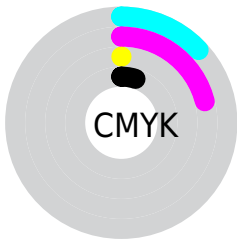
Distribution



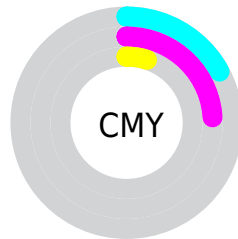
- Red (83%)
- Green (76%)
- Blue (95%)



- Red (83%)
- Yellow (76%)
- Blue (95%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.417, 305.228 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, 27.417, 305.228 by changing the saturation by 10% instead.


 81, 27.417,
305.228

 81, 27.417,
305.228


 100, 27.417,
305.228


 71, 27.417,
305.228

 61, 27.417,
305.228

 51, 27.417,
305.228

 41, 27.417,
305.228

 31, 27.417,
305.228

 21, 27.417,
305.228

 11, 27.417,

305.228

■ 1, 27.417, 305.228

■ 0, 27.417, 305.228

■ 81, 27.417,
305.228

■ 81, 27.417,
305.228

■ 74, 41.400,
305.915

■ 88, 13.857,
304.606

■ 67, 55.738,
306.662

■ 95, 0.749, 303.957

■ 60, 70.262,
307.443

■ 100, 6.063,
109.712

■ 53, 84.636,
308.210

■ 47, 98.249,

308.879

■ 42, 110.125,
309.321

■ 38, 119.003,
309.372

■ 35, 124.111,
309.020

Harmonies

Complementary

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



81, 27.417, 305.228



93, 26.421, 122.942

Rectangle

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



81, 27.417, 305.228



81, 27.417, 355.228



81, 27.417, 125.228



81, 27.417, 175.228

Sweetspot

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



81, 27.415, 305.227



96, 8.117, 304.344



88, 13.934, 240.043



50, 5.389, 304.381



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, 27.415, 305.227



81, 34.894, 305.528



83, 30.342, 321.236



47, 7.479, 304.543



26, 101.403, 309.186



4, 41.055, 308.307

Inverse Universe

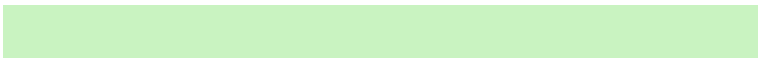
The Inverse Universe completely reimagines the original color for something new.



83, 24.665, 338.366



84, 31.212, 338.746



92, 30.125, 139.197



48, 6.801, 337.474



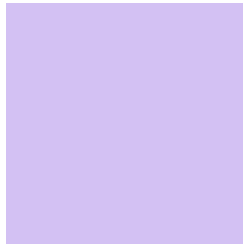
41, 70.341, 349.556



9, 32.144, 345.821

Previews

White Background



This preview shows how the CIELCh color 81, 27.417, 305.228 looks on a white background.

Color Contrast Check

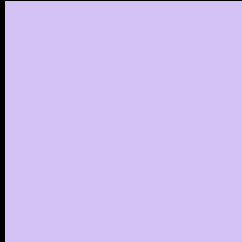
Large Text (above 18pt) WCAG AA × Fail

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, 27.417, 305.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

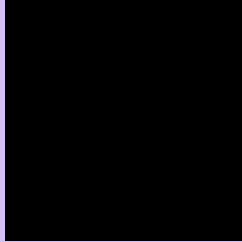
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 27.417, 305.228

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.417, 305.228.



This preview shows how white text looks on a background with the CIELCh color 81, 27.417, 305.228.

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, 27.417, 305.228

Protanopia

81, 25.612, 285.839

Deuteranopia

81, 23.992, 294.650



Tritanopia
81, 9.020, 309.386

Trichromacy



Original Color
81, 27.417, 305.228

Protanomaly
81, 26.086, 293.168

Deuteranomaly
81, 24.687, 298.530

Tritanomaly
81, 16.065, 306.650

Monochromacy



Original Color
81, 27.417, 305.228

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.916, 305.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.417, 305.228 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(211, 193, 243)` looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 243)  
}
```

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(211, 193, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.417, 305.228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

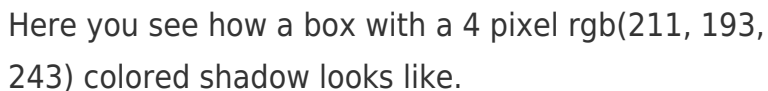
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 193, 243) }
```

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

```
.border{ border-color:rgb(211, 193, 243) }
```

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



Here you see how a box with a 4 pixel rgb(211, 193, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 193, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 193, 243); box-shadow:4px 4px 4px 4px rgb(211, 193, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.417, 305.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 243) }
```

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

```
.background{ background-color: rgb(211,  
193, 243) }
```

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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