

Converting Colors

CIELCh(82, 24.887, 309.247)

Have a look what the booklet for
CIELCh(82, 24.887, 309.247)
contains.

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Color

CIELCh(82, 24.547, 309.149)

Conversions

Conversions Part 1

Format	Color
Hex	D9C4F0
RGB	217, 196, 240
RGB Percent	85%, 77%, 94%
CMY	0.1504, 0.2327, 0.0602
CMYK	0.10, 0.18, 0.00, 0.06
HSL	269°, 59%, 85%
HSV	269°, 18%, 94%
XYZ	63.8538, 60.2982, 90.4392
YIQ	207.2950, -1.6080, 18.1360

Conversions

Conversions Part 2

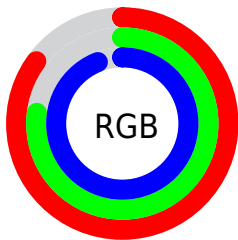
Format	Color
R _Y B	217, 196, 240
Decimal	14271728
CIE Lab	82.00, 15.50, -19.04
CIE LCh	82, 24.547, 309.149
Yxy	60.2982, 0.2976, 0.2810
Android (android.graphics.Color)	4292461808 (0xFFD9C4F0)
YUV	207.2950, 16.1236, 8.5113
Hunter-Lab	77.6519, 10.8912, -14.6972

Details

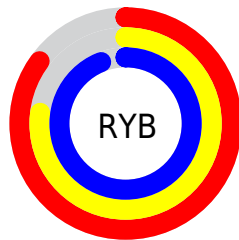
The CIELCh color `82, 24.547, 309.149` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `92, 23.903, 127.420`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.250, 324.238`, and `62, 24.766, 309.332` is the 20% darker color. If you saturate the color by 10%, you get `75, 38.433, 309.693`, and if you desaturate by 10%, it is `89, 11.011, 308.640`.

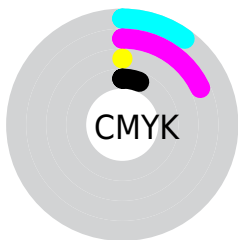
Distribution



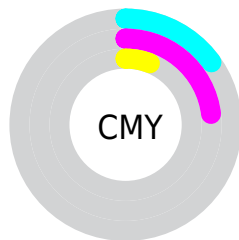
- Red (85%)
- Green (77%)
- Blue (94%)



- Red (85%)
- Yellow (77%)
- Blue (94%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)





- Cyan (15%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 24.547, 309.149 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 82, 24.547, 309.149 by changing the saturation by 10% instead.


 82, 24.547,
309.149


 82, 24.547,
309.149


 100, 24.547,
309.149


 72, 24.547,
309.149

 62, 24.547,
309.149

 52, 24.547,
309.149

 42, 24.547,
309.149

 32, 24.547,
309.149

 22, 24.547,
309.149

 12, 24.547,

309.149

■ 2, 24.547, 309.149

■ 0, 24.547, 309.149

■ 82, 24.547,
309.149

■ 82, 24.547,
309.149

■ 75, 38.433,
309.693

■ 89, 11.011,
308.640

■ 68, 52.577,
310.264

■ 96, 2.125, 128.257

■ 62, 66.782,
310.837

■ 100, 7.777,
111.576

■ 56, 80.706,
311.367

■ 100, 7.769,
109.586

■ 50, 93.780,

311.785

■ 45, 105.167,
311.990

■ 41, 113.847,
311.859

■ 38, 119.136,
311.308

■ 38, 119.859,
311.208

Harmonies

Complementary

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



82, 24.547, 309.149



92, 23.903, 127.420

Rectangle

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



82, 24.547, 309.149



82, 24.547, 359.149



82, 24.547, 129.149



82, 24.547, 179.149

Sweetspot

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



82, 24.545, 309.148



96, 8.291, 308.526



86, 13.148, 254.280



50, 5.504, 308.558



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 24.545, 309.148



84, 31.103, 309.347



84, 27.627, 324.512



46, 7.504, 308.696



28, 97.972, 311.397



5, 39.543, 311.342

Inverse Universe

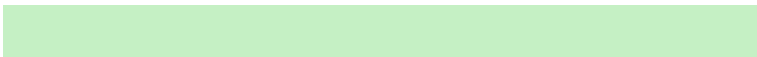
The Inverse Universe completely reimagines the original color for something new.



83, 20.074, 344.001



86, 25.379, 344.363



91, 27.575, 142.441



47, 6.160, 343.181



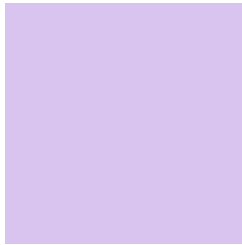
40, 66.514, 359.832



8, 29.671, 353.830

Previews

White Background



This preview shows how the CIELCh color 82, 24.547, 309.149 looks on a white background.

Color Contrast Check

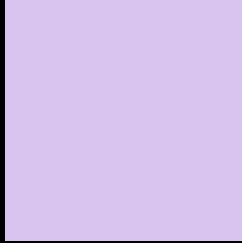
Large Text (above 18pt) WCAG AA × Fail

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 82, 24.547, 309.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

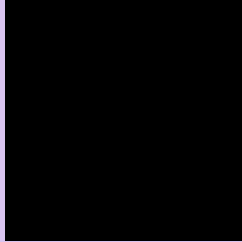
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 24.547, 309.149

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.547, 309.149.



This preview shows how white text looks on a background with the CIELCh color 82, 24.547, 309.149.

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


82, 24.547, 309.149

Protanopia

82, 22.339, 286.164

Deuteranopia

82, 21.466, 299.263



Tritanopia
82, 9.734, 319.490

Trichromacy



Original Color
82, 24.547, 309.149

Protanomaly
82, 22.340, 294.681

Deuteranomaly
82, 22.295, 303.488

Tritanomaly
82, 15.476, 312.736

Monochromacy



Original Color
82, 24.547, 309.149

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.979, 309.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.547, 309.149 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(217, 196, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 196, 240)  
}
```

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(217, 196, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 196, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.547, 309.149 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(217, 196, 240) }
```

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

```
.border{ border-color:rgb(217, 196, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 196, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 196, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 196, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 196,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.547, 309.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 196, 240) }
```

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

```
.background{ background-color: rgb(217,  
196, 240) }
```

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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