

Converting Colors

CIELCh(82, 26.449, 297.776)

Have a look what the booklet for
CIELCh(82, 26.449, 297.776)
contains.

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Color

CIELCh(82, 26.746, 298.147)

Conversions

Conversions Part 1

Format	Color
Hex	CEC6F8
RGB	206, 198, 248
RGB Percent	81%, 78%, 97%
CMY	0.1921, 0.2234, 0.0274
CMYK	0.17, 0.20, 0.00, 0.03
HSL	250°, 78%, 87%
HSV	250°, 20%, 97%
XYZ	62.6020, 60.2982, 97.1607
YIQ	206.0920, -11.2820, 17.2460

Conversions

Conversions Part 2

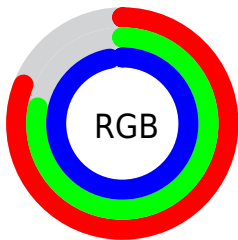
Format	Color
R _Y B	206, 198, 248
Decimal	13551352
CIE _{Lab}	82.00, 12.62, -23.58
CIE _{LCh}	82, 26.746, 298.147
Y _{xy}	60.2982, 0.2845, 0.2740
Android (android.graphics.Color)	4291741432 (0xFFCEC6F8)
YUV	206.0920, 20.6606, -0.0807
Hunter-Lab	77.6519, 8.0137, -19.8293

Details

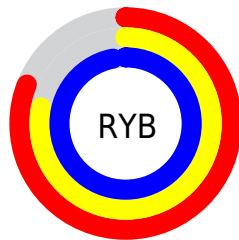
The CIELCh color `82, 26.746, 298.147` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 25.569, 114.955`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 26.601, 298.172` is the 20% darker color. If you saturate the color by 10%, you get `74, 40.815, 299.194`, and if you desaturate by 10%, it is `90, 13.217, 297.238`.

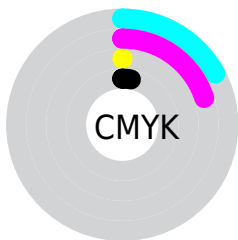
Distribution



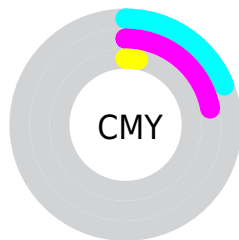
- Red (81%)
- Green (78%)
- Blue (97%)



- Red (81%)
- Yellow (78%)
- Blue (97%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)





- Cyan (19%)
- Magenta (22%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 26.746, 298.147 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, 26.746, 298.147 by changing the saturation by 10% instead.


 82, 26.746,
298.147


 82, 26.746,
298.147


 100, 26.746,
298.147


 72, 26.746,
298.147

 62, 26.746,
298.147

 52, 26.746,
298.147

 42, 26.746,
298.147

 32, 26.746,
298.147

 22, 26.746,
298.147

 12, 26.746,

298.147

■ 2, 26.746, 298.147

■ 0, 26.746, 298.147

■ 82, 26.746,
298.147

■ 82, 26.746,
298.147

■ 74, 40.815,
299.194

■ 90, 13.217,
297.238

■ 67, 55.420,
300.391

■ 97, 0.214, 296.477

■ 59, 70.477,
301.725

■ 100, 3.529,
109.893

■ 52, 85.741,
303.154

■ 45, 100.633,

304.578

■ 39, 114.017,
305.814

■ 35, 124.158,
306.610

■ 32, 129.849,
306.854

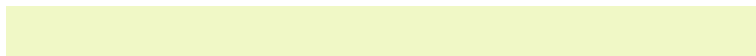
Harmonies

Complementary

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



82, 26.746, 298.147



96, 25.569, 114.955

Rectangle

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



82, 26.746, 298.147



82, 26.746, 348.147



82, 26.746, 118.147



82, 26.746, 168.147

Sweetspot

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



82, 26.744, 298.146



95, 7.924, 296.900



92, 14.529, 214.124



50, 5.262, 296.952



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, 26.744, 298.146



81, 32.816, 298.535



84, 28.767, 314.990



48, 7.432, 297.183



23, 105.598, 306.945



4, 42.463, 304.149

Inverse Universe

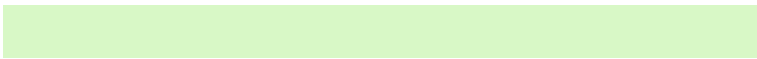
The Inverse Universe completely reimagines the original color for something new.



85, 28.247, 330.399



85, 34.409, 330.647



94, 28.244, 133.229



49, 7.976, 329.719



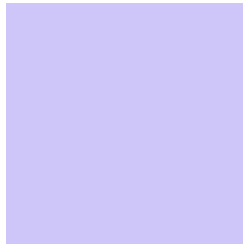
43, 81.320, 335.830



11, 37.368, 334.722

Previews

White Background



This preview shows how the CIELCh color 82, 26.746, 298.147 looks on a white background.

Color Contrast Check

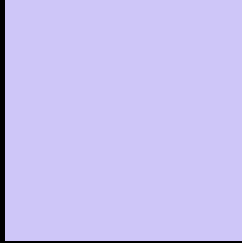
Large Text (above 18pt) WCAG AA × Fail

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, 26.746, 298.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

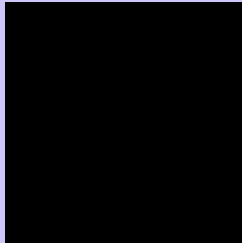
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 26.746, 298.147

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.746, 298.147.

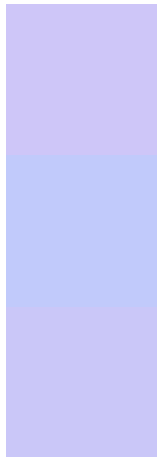


This preview shows how white text looks on a background with the CIELCh color 82, 26.746, 298.147.

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

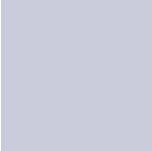
82, 26.746, 298.147

Protanopia

82, 26.066, 285.990

Deuteranopia

82, 26.063, 294.595



Tritanopia
82, 8.504, 286.183

Trichromacy



Original Color
82, 26.746, 298.147

Protanomaly
82, 25.986, 290.250

Deuteranomaly
82, 26.082, 295.320

Tritanomaly
82, 15.423, 294.077

Monochromacy



Original Color
82, 26.746, 298.147

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.618, 297.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.746, 298.147 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(206, 198, 248)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 248)  
}
```

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(206, 198, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.746, 298.147 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(206, 198, 248) }
```

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

```
.border{ border-color:rgb(206, 198, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 248);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.746, 298.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 248) }
```

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

```
.background{ background-color: rgb(206,  
198, 248) }
```

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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