

Converting Colors

CIELCh(82, 28.914, 290.491)

Have a look what the booklet for
CIELCh(82, 28.914, 290.491)
contains.

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Color

CIELCh(82, 28.650, 290.700)

Conversions

Conversions Part 1

Format	Color
Hex	C5C8FE
RGB	197, 200, 254
RGB Percent	77%, 78%, 100%
CMY	0.2277, 0.2159, 0.0041
CMYK	0.22, 0.21, 0.00, 0.00
HSL	237°, 96%, 88%
HSV	237°, 22%, 100%
XYZ	61.5332, 60.2982, 102.1132
YIQ	205.2590, -19.1220, 16.1580

Conversions

Conversions Part 2

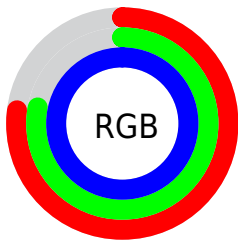
Format	Color
R_{YB}	197, 200, 254
Decimal	12962046
CIE _{Lab}	82.00, 10.13, -26.80
CIE _{LCh}	82, 28.650, 290.700
Yxy	60.2982, 0.2748, 0.2693
Android (android.graphics.Color)	4291152126 (0xFFC5C8FE)
YUV	205.2590, 24.0293, -7.2431
Hunter-Lab	77.6519, 5.5569, -23.6107

Details

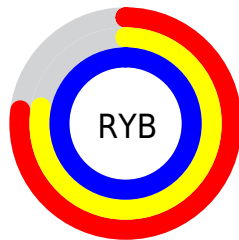
The CIELCh color `82, 28.650, 290.700` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 27.329, 105.691`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `62, 28.649, 290.608` is the 20% darker color. If you saturate the color by 10%, you get `74, 42.264, 292.263`, and if you desaturate by 10%, it is `90, 15.578, 289.371`.

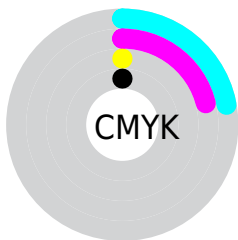
Distribution



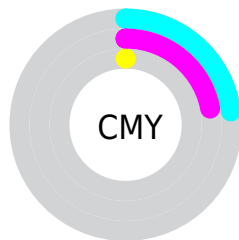
- Red (77%)
- Green (78%)
- Blue (100%)



- Red (77%)
- Yellow (78%)
- Blue (100%)



- Cyan (22%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 28.650, 290.700 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, 28.650, 290.700 by changing the saturation by 10% instead.

■ 82, 28.650,
290.700

■ 82, 28.650,
290.700

■ 100, 28.650,
290.700

■ 72, 28.650,
290.700

■ 62, 28.650,
290.700

■ 52, 28.650,
290.700

■ 42, 28.650,
290.700

■ 32, 28.650,
290.700

■ 22, 28.650,
290.700

■ 12, 28.650,

290.700

■ 2, 28.650, 290.700

■ 0, 28.650, 290.700

■ 82, 28.650,
290.700

■ 82, 28.650,
290.700

■ 74, 42.264,
292.263

■ 90, 15.578,
289.371

■ 66, 56.458,
294.091

■ 98, 3.011, 288.270

■ 59, 71.218,
296.190

100, 0.524,
109.991

■ 51, 86.396,
298.517

■ 44, 101.509,

300.945

■ 39, 115.433,
303.225

■ 35, 126.281,
305.020

■ 33, 131.299,
305.852

Harmonies

Complementary

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



82, 28.650, 290.700



98, 27.329, 105.691

Rectangle

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



82, 28.650, 290.700



82, 28.650, 340.700



82, 28.650, 110.700



82, 28.650, 160.700

Sweetspot

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



82, 28.648, 290.699



95, 8.706, 288.739



96, 19.006, 192.317



50, 5.662, 288.806



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, 28.648, 290.699



79, 34.899, 291.381



83, 31.420, 307.877



49, 7.102, 289.022



24, 105.438, 305.682



4, 42.455, 300.861

Inverse Universe

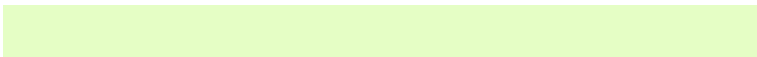
The Inverse Universe completely reimagines the original color for something new.



85, 21.678, 16.985



82, 26.581, 17.533



97, 30.316, 125.610



49, 5.259, 15.683



40, 82.019, 38.009



10, 32.944, 25.061

Previews

White Background



This preview shows how the CIELCh color 82, 28.650, 290.700 looks on a white background.

Color Contrast Check

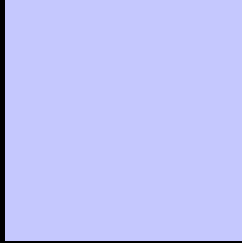
Large Text (above 18pt) WCAG AA × Fail

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, 28.650, 290.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

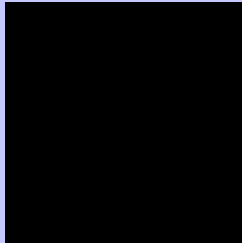
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 28.650, 290.700

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.650, 290.700.



This preview shows how white text looks on a background with the CIELCh color 82, 28.650, 290.700.

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

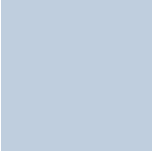
82, 28.650, 290.700

Protanopia

82, 28.219, 285.423

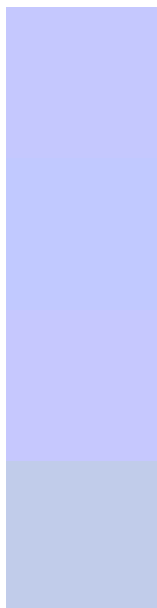
Deuteranopia

82, 28.647, 291.343



Tritanopia
82, 9.826, 259.098

Trichromacy



Original Color
82, 28.650, 290.700

Protanomaly
82, 28.690, 287.507

Deuteranomaly
82, 28.647, 291.343

Tritanomaly
82, 16.236, 278.356

Monochromacy



Original Color
82, 28.650, 290.700

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 10.605, 289.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.650, 290.700 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(197, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(197, 200, 254)  
}
```

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(197, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 200, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.650, 290.700 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(197, 200, 254) }
```

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

```
.border{ border-color:rgb(197, 200, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 200, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 200, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 200, 254);  
box-shadow:4px 4px 4px 4px rgb(197, 200,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.650, 290.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 200, 254) }
```

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

```
.background{ background-color: rgb(197,  
200, 254) }
```

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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