

Converting Colors

CIELCh(81, 28.602, 293.236)

Have a look what the booklet for
CIELCh(81, 28.602, 293.236)
contains.

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Color

CIELCh(81, 28.762, 293.323)

Conversions

Conversions Part 1

Format	Color
Hex	C5C4FA
RGB	197, 196, 250
RGB Percent	77%, 77%, 98%
CMY	0.2261, 0.2300, 0.0182
CMYK	0.21, 0.22, 0.00, 0.02
HSL	241°, 85%, 88%
HSV	241°, 22%, 98%
XYZ	60.2407, 58.4711, 98.8425
YIQ	202.4550, -16.7380, 17.0060

Conversions

Conversions Part 2

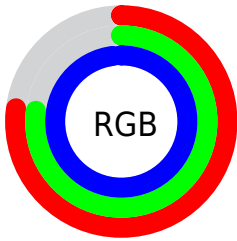
Format	Color
R_{YB}	197, 196, 250
Decimal	12961018
CIE _{Lab}	81.00, 11.39, -26.41
CIE _{LCh}	81, 28.762, 293.323
Yxy	58.4711, 0.2769, 0.2688
Android (android.graphics.Color)	4291151098 (0xFFC5C4FA)
YUV	202.4550, 23.4397, -4.7840
Hunter-Lab	76.4664, 6.8071, -23.1134

Details

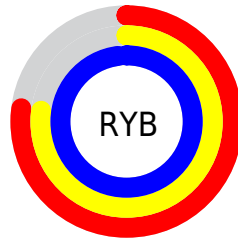
The CIELCh color $81, 28.762, 293.323$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $97, 27.338, 108.868$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.090, 308.973$, and $61, 28.780, 293.307$ is the 20% darker color. If you saturate the color by 10%, you get $73, 42.998, 294.761$, and if you desaturate by 10%, it is $89, 15.116, 292.100$.

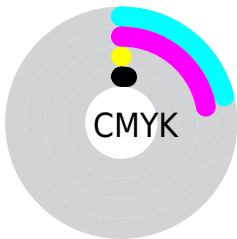
Distribution



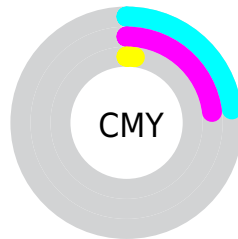
- Red (77%)
- Green (77%)
- Blue (98%)



- Red (77%)
- Yellow (77%)
- Blue (98%)



- Cyan (21%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)





- Cyan (23%)
- Magenta (23%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 28.762, 293.323 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, 28.762, 293.323 by changing the saturation by 10% instead.


 81, 28.762,
293.323


 81, 28.762,
293.323


 100, 28.762,
293.323


 71, 28.762,
293.323

 61, 28.762,
293.323

 51, 28.762,
293.323

 41, 28.762,
293.323

 31, 28.762,
293.323

 21, 28.762,
293.323

 11, 28.762,

293.323

■ 1, 28.762, 293.323

■ 0, 28.762, 293.323

■ 81, 28.762,
293.323

■ 81, 28.762,
293.323

■ 73, 42.998,
294.761

■ 89, 15.116,
292.100

■ 65, 57.849,
296.438

■ 97, 2.026, 291.091

■ 57, 73.265,
298.350

■ 100, 2.346,
109.970

■ 49, 89.006,
300.442

■ 43, 104.399,

302.568

■ 37, 118.003,
304.455

■ 33, 127.642,
305.760

■ 32, 131.882,
306.325

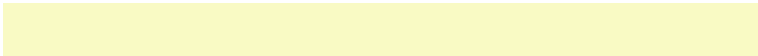
Harmonies

Complementary

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



81, 28.762, 293.323



97, 27.338, 108.868

Rectangle

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



81, 28.762, 293.323



81, 28.762, 343.323



81, 28.762, 113.323



81, 28.762, 163.323

Sweetspot

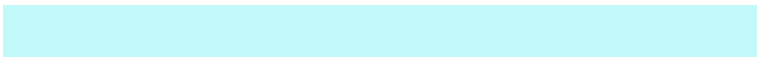
The Sweet Spot groups the original color and five complimentary colors.



81, 28.760, 293.322



95, 7.869, 291.505



95, 17.533, 199.851



50, 5.226, 291.572



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, 28.760, 293.322



79, 35.512, 293.934



83, 30.242, 310.655



48, 7.382, 291.870



23, 106.615, 306.340



3, 42.081, 301.224

Inverse Universe

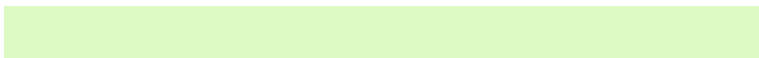
The Inverse Universe completely reimagines the original color for something new.



85, 33.574, 326.131



84, 41.052, 326.377



95, 29.387, 128.665



49, 8.797, 325.446



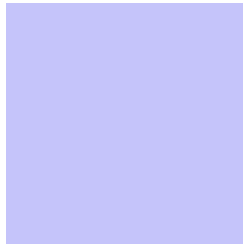
45, 90.825, 328.984



11, 41.169, 328.888

Previews

White Background



This preview shows how the CIELCh color 81, 28.762, 293.323 looks on a white background.

Color Contrast Check

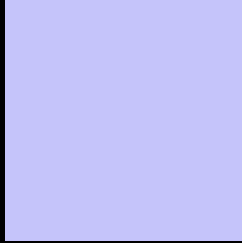
Large Text (above 18pt) WCAG AA × Fail

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, 28.762, 293.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

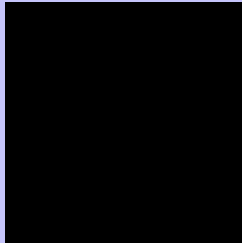
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 28.762, 293.323

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.762, 293.323.

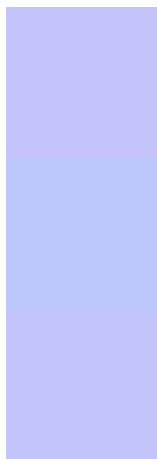


This preview shows how white text looks on a background with the CIELCh color 81, 28.762, 293.323.

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

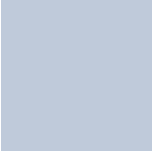
81, 28.762, 293.323

Protanopia

81, 28.296, 285.469

Deuteranopia

81, 28.196, 291.307



Tritanopia
81, 9.246, 266.468

Trichromacy



Original Color
81, 28.762, 293.323

Protanomaly
81, 28.222, 288.041

Deuteranomaly
81, 28.196, 291.964

Tritanomaly
81, 16.074, 283.075

Monochromacy



Original Color
81, 28.762, 293.323

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.094, 291.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.762, 293.323 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, 196, 250)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 250)  
}
```

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, 196, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.762, 293.323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

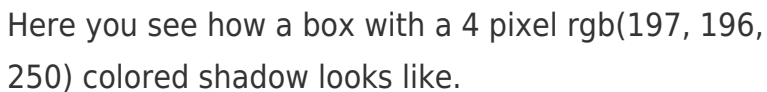
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 196, 250) }
```

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

```
.border{ border-color:rgb(197, 196, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 196, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 196, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 196, 250);  
box-shadow:4px 4px 4px 4px rgb(197, 196,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.762, 293.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 250) }
```

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

```
.background{ background-color: rgb(197,  
196, 250) }
```

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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