

Converting Colors

CIELCh(82, 30.724, 301.381)

Have a look what the booklet for
CIELCh(82, 30.724, 301.381)
contains.

CIELCh(82, 30.724, 301.381)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 30.724, 301.381)

Conversions

Conversions Part 1

Format	Color
Hex	D2C4FD
RGB	210, 196, 253
RGB Percent	82%, 77%, 99%
CMY	0.1763, 0.2312, 0.0077
CMYK	0.17, 0.23, 0.00, 0.01
HSL	255°, 94%, 88%
HSV	255°, 23%, 99%
XYZ	64.0734, 60.2982, 101.2228
YIQ	206.6840, -9.9530, 20.6950

Conversions

Conversions Part 2

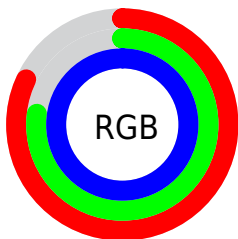
Format	Color
R _{YB}	210, 196, 253
Decimal	13812989
CIE Lab	82.00, 16.00, -26.23
CIE LCh	82, 30.724, 301.381
Yxy	60.2982, 0.2840, 0.2673
Android (android.graphics.Color)	4292003069 (0xFFD2C4FD)
YUV	206.6840, 22.8338, 2.9081
Hunter-Lab	77.6519, 11.3959, -22.9309

Details

The CIELCh color **82, 30.724, 301.381** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97, 29.306, 118.304**, 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, 30.789, 301.616** is the 20% darker color. If you saturate the color by 10%, you get **74, 45.185, 302.279**, and if you desaturate by 10%, it is **90, 16.769, 300.588**.

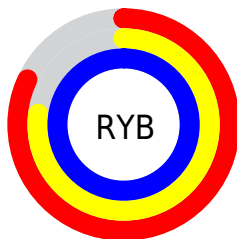
Distribution



Red (82%)

Green (77%)

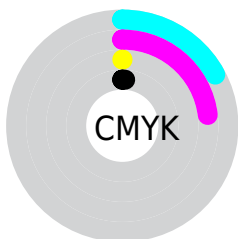
Blue (99%)



Red (82%)

Yellow (77%)

Blue (99%)

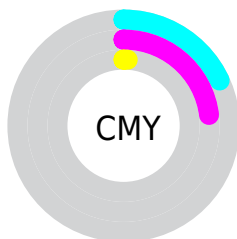


Cyan (17%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (18%)


Magenta (23%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 30.724, 301.381 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, 30.724, 301.381 by changing the saturation by 10% instead.


 82, 30.724,
301.381


 82, 30.724,
301.381


 100, 30.724,
301.381


 72, 30.724,
301.381

 62, 30.724,
301.381

 52, 30.724,
301.381

 42, 30.724,
301.381

 32, 30.724,
301.381

 22, 30.724,
301.381

 12, 30.724,

301.381

■ 2, 30.724, 301.381

■ 0, 30.724, 301.381

■ 82, 30.724,
301.381

■ 82, 30.724,
301.381

■ 74, 45.185,
302.279

■ 90, 16.769,
300.588

■ 67, 60.108,
303.282

■ 97, 3.327, 299.890

■ 59, 75.342,
304.367

100, 0.983,
110.026

■ 52, 90.541,
305.479

■ 46, 105.004,

306.512

■ 40, 117.518,
307.295

■ 36, 126.473,
307.616

■ 34, 130.498,
307.541

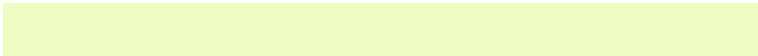
Harmonies

Complementary

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



82, 30.724, 301.381



97, 29.306, 118.304

Rectangle

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



82, 30.724, 301.381



82, 30.724, 351.381



82, 30.724, 121.381



82, 30.724, 171.381

Sweetspot

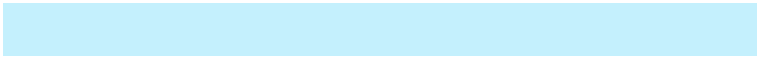
The Sweet Spot groups the original color and five complimentary colors.



82, 30.722, 301.380



95, 9.337, 300.193



92, 15.698, 224.726



50, 6.073, 300.235



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, 30.722, 301.380



79, 37.366, 301.770



84, 33.370, 317.751



49, 7.617, 300.369



25, 105.531, 307.670



4, 44.649, 306.485

Inverse Universe

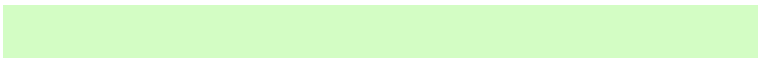
The Inverse Universe completely reimagines the original color for something new.



85, 30.232, 333.681



83, 36.471, 334.006



95, 32.878, 135.707



50, 7.631, 332.766



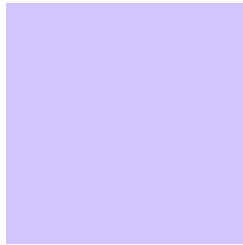
43, 77.087, 341.104



11, 36.224, 339.184

Previews

White Background



This preview shows how the CIELCh color 82, 30.724, 301.381 looks on a white background.

Color Contrast Check

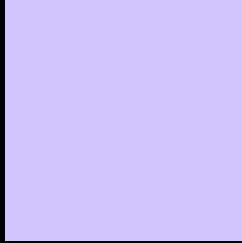
Large Text (above 18pt) WCAG AA × Fail

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, 30.724, 301.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

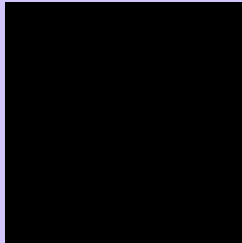
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 30.724, 301.381

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.724, 301.381.

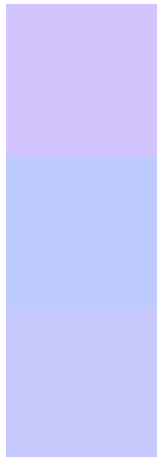


This preview shows how white text looks on a background with the CIELCh color 82, 30.724, 301.381.

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, 30.724, 301.381

Protanopia

82, 28.219, 285.423

Deuteranopia

82, 27.590, 291.873



Tritanopia
82, 8.533, 295.680

Trichromacy



Original Color
82, 30.724, 301.381

Protanomaly
82, 28.647, 291.343

Deuteranomaly
82, 28.194, 295.251

Tritanomaly
82, 16.628, 298.747

Monochromacy



Original Color
82, 30.724, 301.381

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 11.294, 300.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.724, 301.381 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(210, 196, 253)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 253)  
}
```

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(210, 196, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.724, 301.381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

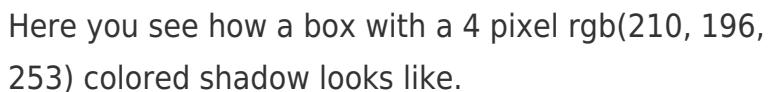
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 196, 253) }
```

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

```
.border{ border-color:rgb(210, 196, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 196, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 196, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 196, 253); box-shadow:4px 4px 4px 4px rgb(210, 196, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.724, 301.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 253) }
```

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

```
.background{ background-color: rgb(210,  
196, 253) }
```

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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