

Converting Colors

CIELCh(82, 14.579, 294.550)

Have a look what the booklet for
CIELCh(82, 14.579, 294.550)
contains.

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Color

CIELCh(82, 14.918, 295.454)

Conversions

Conversions Part 1

Format	Color
Hex	CCC9E5
RGB	204, 201, 229
RGB Percent	80%, 79%, 90%
CMY	0.1998, 0.2116, 0.1018
CMYK	0.11, 0.12, 0.00, 0.10
HSL	246°, 35%, 84%
HSV	246°, 12%, 90%
XYZ	59.9611, 60.2982, 82.6414
YIQ	205.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

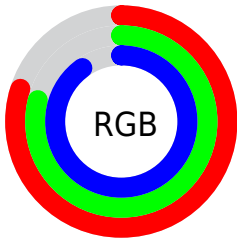
Format	Color
RYB	204, 201, 229
Decimal	13421029
CIELab	82.00, 6.41, -13.47
CIELCh	82, 14.918, 295.454
Yxy	60.2982, 0.2955, 0.2972
Android (android.graphics.Color)	4291611109 (0xFFCCC9E5)
YUV	205.0890, 11.7881, -0.9551
Hunter-Lab	77.6519, 1.9430, -8.7433

Details

The CIELCh color $82, 14.918, 295.454$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $90, 14.509, 113.401$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $62, 15.236, 295.894$ is the 20% darker color. If you saturate the color by 10%, you get $75, 27.668, 296.485$, and if you desaturate by 10%, it is $89, 2.669, 294.573$.

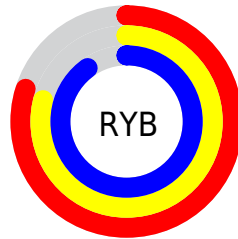
Distribution



Red (80%)

Green (79%)

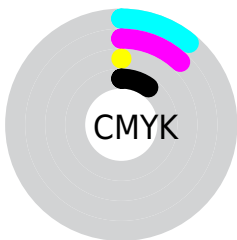
Blue (90%)



Red (80%)

Yellow (79%)

Blue (90%)

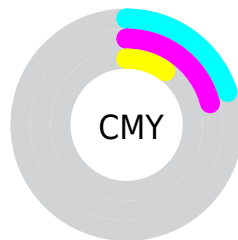


Cyan (11%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (20%)

Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 14.918, 295.454 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, 14.918, 295.454 by changing the saturation by 10% instead.

■ 82, 14.918,
295.454

■ 82, 14.918,
295.454

■ 100, 14.918,
295.454

■ 72, 14.918,
295.454

■ 62, 14.918,
295.454

■ 52, 14.918,
295.454

■ 42, 14.918,
295.454

■ 32, 14.918,
295.454

■ 22, 14.918,
295.454

■ 12, 14.918,

295.454

■ 2, 14.918, 295.454

■ 0, 14.918, 295.454

■ 82, 14.918,
295.454

■ 82, 14.918,
295.454

■ 75, 27.668,
296.485

■ 89, 2.669, 294.573

■ 67, 40.949,
297.686

■ 97, 9.106, 113.803

■ 60, 54.754,
299.065

■ 99, 13.133,
109.185

■ 53, 69.006,
300.609

■ 46, 83.449,

302.269

■ 40, 97.464,
303.920

■ 34, 109.821,
305.344

■ 31, 118.717,
306.258

■ 29, 122.773,
306.593

Harmonies

Complementary

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



82, 14.918, 295.454



90, 14.509, 113.401

Rectangle

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



82, 14.918, 295.454



82, 14.918, 345.454



82, 14.918, 115.454



82, 14.918, 165.454

Sweetspot

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



82, 14.916, 295.451



97, 5.246, 294.718



88, 8.796, 208.478



51, 3.733, 294.781



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, 14.916, 295.451



88, 20.082, 295.731



83, 16.026, 312.992



44, 6.905, 295.192



21, 101.776, 306.660



2, 33.883, 299.335

Inverse Universe

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



84, 16.610, 328.181



91, 22.266, 328.354



89, 15.813, 131.969



45, 7.718, 328.013



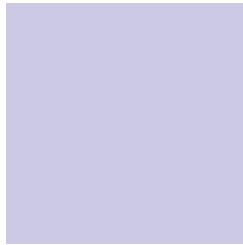
41, 81.323, 332.999



8, 34.569, 332.190

Previews

White Background



This preview shows how the CIELCh color 82, 14.918, 295.454 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 CIE LCh color 82, 14.918, 295.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

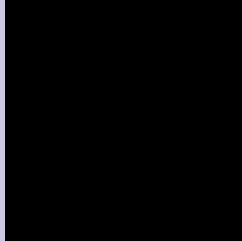
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

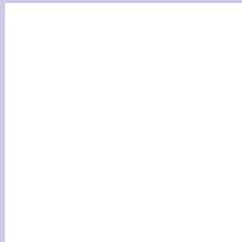
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 14.918, 295.454

Background



This preview shows how black text looks on a background with the CIELCh color 82, 14.918, 295.454.

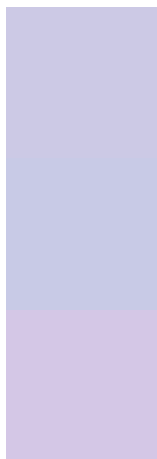


This preview shows how white text looks on a background with the CIELCh color 82, 14.918, 295.454.

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

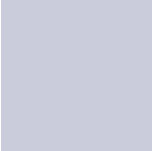
82, 14.918, 295.454

Protanopia

82, 14.858, 288.828

Deuteranopia

82, 17.134, 306.879



Tritanopia
82, 8.488, 288.549

Trichromacy



Original Color
82, 14.918, 295.454

Protanomaly
82, 14.852, 290.148

Deuteranomaly
82, 16.278, 302.597

Tritanomaly
82, 11.155, 292.950

Monochromacy



Original Color
82, 14.918, 295.454

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.319, 294.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 14.918, 295.454 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(204, 201, 229)` looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 229)  
}
```

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(204, 201, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 14.918, 295.454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

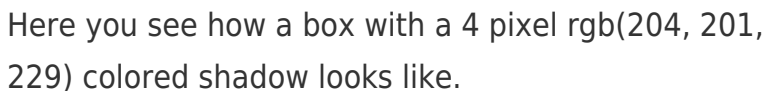
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 201, 229) }
```

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

```
.border{ border-color:rgb(204, 201, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(204, 201, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 201, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 201, 229); box-shadow:4px 4px 4px 4px rgb(204, 201, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 14.918, 295.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 229) }
```

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

```
.background{ background-color: rgb(204,  
201, 229) }
```

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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