

Converting Colors

CIELCh(82, 17.385, 317.209)

Have a look what the booklet for
CIELCh(82, 17.385, 317.209)
contains.

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Color

CIELCh(82, 17.162, 317.026)

Conversions

Conversions Part 1

Format	Color
Hex	DAC5E2
RGB	218, 197, 226
RGB Percent	85%, 77%, 89%
CMY	0.1453, 0.2276, 0.1139
CMYK	0.04, 0.13, 0.00, 0.11
HSL	283°, 33%, 83%
HSV	283°, 13%, 89%
XYZ	62.5760, 60.2982, 80.2577
YIQ	206.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

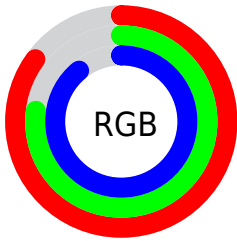
Format	Color
R _Y B	218, 197, 226
Decimal	14337506
CIE Lab	82.00, 12.56, -11.70
CIE LCh	82, 17.162, 317.026
Yxy	60.2982, 0.3081, 0.2968
Android (android.graphics.Color)	4292527586 (0xFFDAC5E2)
YUV	206.5850, 9.5716, 10.0110
Hunter-Lab	77.6519, 7.9540, -6.9233

Details

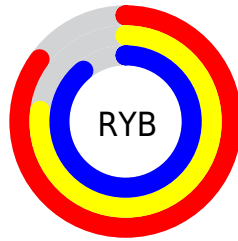
The CIELCh color $82, 17.162, 317.026$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88, 17.001, 135.932$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.630, 323.973$, and $62, 17.466, 316.859$ is the 20% darker color. If you saturate the color by 10%, you get $76, 30.793, 317.469$, and if you desaturate by 10%, it is $88, 3.753, 316.556$.

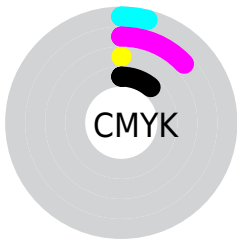
Distribution



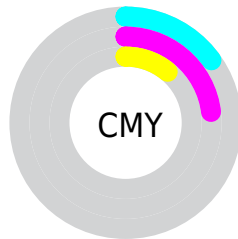
- Red (85%)
- Green (77%)
- Blue (89%)



- Red (85%)
- Yellow (77%)
- Blue (89%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)




- Cyan (15%)
- Magenta (23%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 17.162, 317.026 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, 17.162, 317.026 by changing the saturation by 10% instead.


 82, 17.162,
317.026

 82, 17.162,
317.026


 100, 17.162,
317.026


 72, 17.162,
317.026


 62, 17.162,
317.026

 52, 17.162,
317.026

 42, 17.162,
317.026

 32, 17.162,
317.026

 22, 17.162,
317.026

 12, 17.162,

317.026

■ 2, 17.162, 317.026

■ 0, 17.162, 317.026

■ 82, 17.162,
317.026

■ 82, 17.162,
317.026

■ 76, 30.793,
317.469

■ 88, 3.753, 316.556

■ 70, 44.507,
317.905

■ 94, 9.344, 136.227

■ 64, 58.068,
318.314

■ 98, 16.208,
133.049

■ 59, 71.119,
318.663

■ 98, 15.395,
125.567

■ 54, 83.155,

■ 99, 14.876,
117.308

318.909

99, 14.696,
109.067

50, 93.532,
318.998

47, 101.559,
318.866

45, 106.709,
318.459

43, 108.881,
318.020

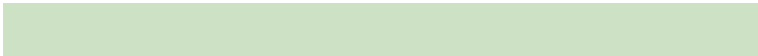
Harmonies

Complementary

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



82, 17.162, 317.026



88, 17.001, 135.932

Rectangle

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



82, 17.162, 317.026



82, 17.162, 7.026



82, 17.162, 137.026



82, 17.162, 187.026

Sweetspot

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



82, 17.160, 317.025



97, 5.851, 316.622



82, 11.302, 276.616



51, 4.161, 316.660



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, 17.160, 317.025



90, 22.173, 317.126



82, 15.972, 331.913



44, 7.526, 316.874



33, 90.245, 318.168



5, 34.996, 318.670

Inverse Universe

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



82, 11.541, 358.866



90, 14.952, 359.121



87, 15.913, 150.269



44, 5.041, 358.494



37, 67.110, 23.032



6, 25.322, 8.959

Previews

White Background



This preview shows how the CIELCh color 82, 17.162, 317.026 looks on a white background.

Color Contrast Check

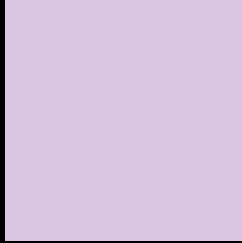
Large Text (above 18pt) WCAG AA × Fail

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, 17.162, 317.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

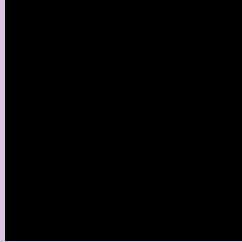
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 17.162, 317.026

Background



This preview shows how black text looks on a background with the CIELCh color 82, 17.162, 317.026.



This preview shows how white text looks on a background with the CIELCh color 82, 17.162, 317.026.

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, 17.162, 317.026

Protanopia

82, 14.329, 288.680

Deuteranopia

82, 15.969, 312.048



Tritanopia
82, 10.517, 326.475

Trichromacy



Original Color
82, 17.162, 317.026

Protanomaly
82, 15.107, 300.725

Deuteranomaly
82, 16.097, 313.235

Tritanomaly
82, 13.114, 322.297

Monochromacy



Original Color
82, 17.162, 317.026

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 6.533, 316.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 17.162, 317.026 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(218, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(218, 197, 226)  
}
```

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(218, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 197, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 17.162, 317.026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

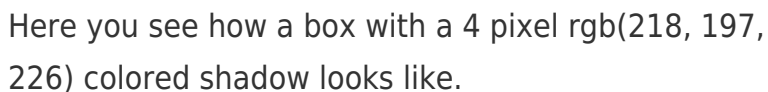
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 197, 226) }
```

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

```
.border{ border-color:rgb(218, 197, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 197, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 197, 226); box-shadow:4px 4px 4px 4px rgb(218, 197, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 17.162, 317.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 197, 226) }
```

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

```
.background{ background-color: rgb(218,  
197, 226) }
```

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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