

Converting Colors

CIELCh(82, 16.141, 300.321)

Have a look what the booklet for
CIELCh(82, 16.141, 300.321)
contains.

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Color

CIELCh(82, 16.154, 300.173)

Conversions

Conversions Part 1

Format	Color
Hex	CFC8E6
RGB	207, 200, 230
RGB Percent	81%, 78%, 90%
CMY	0.1882, 0.2156, 0.0980
CMYK	0.10, 0.13, 0.00, 0.10
HSL	254°, 38%, 84%
HSV	254°, 13%, 90%
XYZ	60.6803, 60.2982, 83.3165
YIQ	205.5130, -5.4580, 10.8140

Conversions

Conversions Part 2

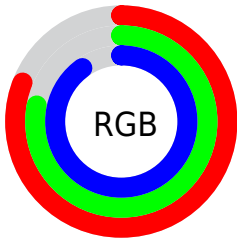
Format	Color
R _Y B	207, 200, 230
Decimal	13617382
CIE Lab	82.00, 8.12, -13.97
CIE LCh	82, 16.154, 300.173
Yxy	60.2982, 0.2970, 0.2952
Android (android.graphics.Color)	4291807462 (0xFFCFC8E6)
YUV	205.5130, 12.0721, 1.3041
Hunter-Lab	77.6519, 3.5962, -9.2588

Details

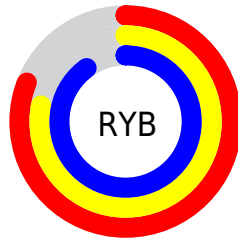
The CIELCh color `82, 16.154, 300.173` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `90, 15.720, 118.434`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 15.992, 300.988` is the 20% darker color. If you saturate the color by 10%, you get `75, 29.075, 300.983`, and if you desaturate by 10%, it is `89, 3.705, 299.459`.

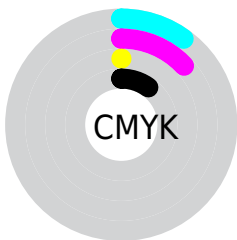
Distribution



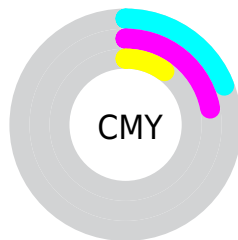
- Red (81%)
- Green (78%)
- Blue (90%)



- Red (81%)
- Yellow (78%)
- Blue (90%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)





- Cyan (19%)
- Magenta (22%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 16.154, 300.173 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, 16.154, 300.173 by changing the saturation by 10% instead.


 82, 16.154,
300.173


 82, 16.154,
300.173


 100, 16.154,
300.173


 72, 16.154,
300.173

 62, 16.154,
300.173

 52, 16.154,
300.173

 42, 16.154,
300.173

 32, 16.154,
300.173

 22, 16.154,
300.173

 12, 16.154,

300.173

■ 2, 16.154, 300.173

■ 0, 16.154, 300.173

■ 82, 16.154,
300.173

■ 82, 16.154,
300.173

■ 75, 29.075,
300.983

■ 89, 3.705, 299.459

■ 96, 8.284, 118.858

■ 68, 42.474,
301.906

■ 99, 12.643,
109.222

■ 61, 56.304,
302.938

■ 54, 70.430,
304.055

■ 47, 84.534,

305.205

■ 41, 97.964,
306.280

■ 36, 109.588,
307.105

■ 32, 117.900,
307.466

■ 31, 121.561,
307.459

Harmonies

Complementary

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



82, 16.154, 300.173



90, 15.720, 118.434

Rectangle

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



82, 16.154, 300.173



82, 16.154, 350.173



82, 16.154, 120.173



82, 16.154, 170.173

Sweetspot

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



82, 16.152, 300.170



97, 5.303, 299.525



88, 8.701, 222.010



51, 3.773, 299.577



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, 16.152, 300.170



88, 21.667, 300.407



83, 17.664, 316.801



44, 6.975, 299.905



23, 100.379, 307.582



3, 34.217, 302.350

Inverse Universe

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



84, 16.279, 332.541



90, 21.749, 332.750



89, 17.493, 135.690



45, 7.060, 332.296



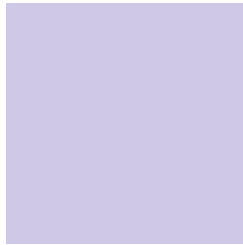
40, 73.937, 340.214



8, 31.831, 337.964

Previews

White Background



This preview shows how the CIELCh color 82, 16.154, 300.173 looks on a white background.

Color Contrast Check

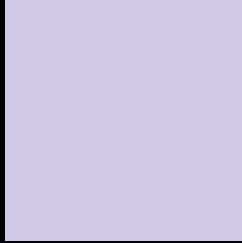
Large Text (above 18pt) WCAG AA × Fail

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, 16.154, 300.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

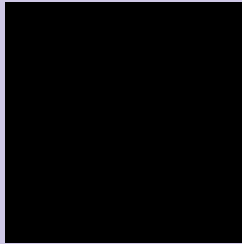
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 16.154, 300.173

Background



This preview shows how black text looks on a background with the CIELCh color 82, 16.154, 300.173.



This preview shows how white text looks on a background with the CIELCh color 82, 16.154, 300.173.

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, 16.154, 300.173

Protanopia

82, 15.400, 287.703

Deuteranopia

82, 17.044, 305.741



Tritanopia
82, 8.574, 298.038

Trichromacy



Original Color
82, 16.154, 300.173

Protanomaly
82, 15.937, 292.799

Deuteranomaly
82, 16.960, 304.594

Tritanomaly
82, 11.314, 300.083

Monochromacy



Original Color
82, 16.154, 300.173

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 5.885, 297.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 16.154, 300.173 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(207, 200, 230)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 230)  
}
```

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(207, 200, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 16.154, 300.173 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(207, 200, 230) }
```

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

```
.border{ border-color:rgb(207, 200, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 200, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 230);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 16.154, 300.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 230) }
```

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

```
.background{ background-color: rgb(207,  
200, 230) }
```

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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