

Converting Colors

CIELCh(81, 8.010, 296.638)

Have a look what the booklet for
CIELCh(81, 8.010, 296.638) contains.

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Color

CIELCh(81, 8.071, 298.483)

Conversions

Conversions Part 1

Format	Color
Hex	CAC7D6
RGB	202, 199, 214
RGB Percent	79%, 78%, 84%
CMY	0.2066, 0.2183, 0.1595
CMYK	0.06, 0.07, 0.00, 0.16
HSL	252°, 16%, 81%
HSV	252°, 7%, 84%
XYZ	57.1241, 58.4711, 72.1153
YIQ	201.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

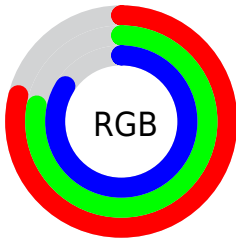
Format	Color
R _Y B	202, 199, 214
Decimal	13289430
CIE Lab	81.00, 3.85, -7.09
CIE LCh	81, 8.071, 298.483
Yxy	58.4711, 0.3043, 0.3115
Android (android.graphics.Color)	4291479510 (0xFFCAC7D6)
YUV	201.6070, 6.1097, 0.3447
Hunter-Lab	76.4664, -0.4681, -2.3898

Details

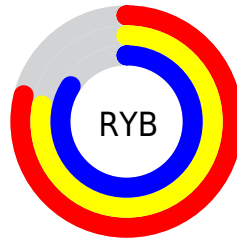
The CIELCh color $81, 8.071, 298.483$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 7.939, 117.519$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 7.994, 299.136$ is the 20% darker color. If you saturate the color by 10%, you get $74, 19.964, 299.271$, and if you desaturate by 10%, it is $88, 3.380, 117.797$.

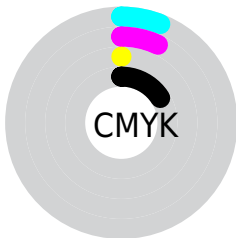
Distribution



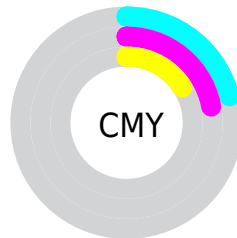
- Red (79%)
- Green (78%)
- Blue (84%)



- Red (79%)
- Yellow (78%)
- Blue (84%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.071, 298.483 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, 8.071, 298.483 by changing the saturation by 10% instead.

■ 81, 8.071, 298.483

■ 81, 8.071, 298.483

■ 100, 8.071,
298.483

■ 71, 8.071, 298.483

■ 61, 8.071, 298.483

■ 51, 8.071, 298.483

■ 41, 8.071, 298.483

■ 31, 8.071, 298.483

■ 21, 8.071, 298.483

■ 11, 8.071, 298.483

■ 1, 8.071, 298.483

■ 0, 8.071, 298.483

81, 8.071, 298.483

81, 8.071, 298.483

74, 19.964,
299.271

88, 3.380, 117.797

67, 32.321,
300.184

94, 14.407,
117.204

61, 45.135,
301.222

99, 20.561,
109.882

54, 58.351,
302.379

99, 20.552,
108.622

47, 71.802,
303.626

41, 85.101,
304.889

36, 97.473,
306.033

31, 107.638,
306.849

■ 28, 114.180,
307.133

Harmonies

Complementary

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



81, 8.071, 298.483



85, 7.939, 117.519

Rectangle

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



81, 8.071, 298.483



81, 8.071, 348.483



81, 8.071, 118.483



81, 8.071, 168.483

Sweetspot

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



81, 8.069, 298.477



98, 2.638, 298.119



84, 4.556, 217.820



53, 1.500, 298.112



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, 8.069, 298.477



94, 10.639, 298.557



82, 8.820, 315.472



41, 6.568, 298.659



21, 97.578, 307.296



2, 27.846, 299.002

Inverse Universe

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



82, 8.414, 330.918



95, 11.082, 330.991



85, 8.756, 134.931



42, 6.831, 331.080



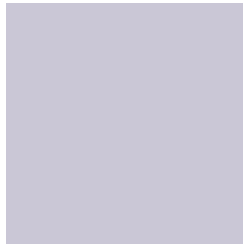
39, 73.375, 338.078



6, 28.448, 335.868

Previews

White Background



This preview shows how the CIELCh color 81, 8.071, 298.483 looks on a white background.

Color Contrast Check

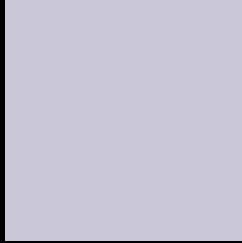
Large Text (above 18pt) WCAG AA × Fail

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 81, 8.071, 298.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

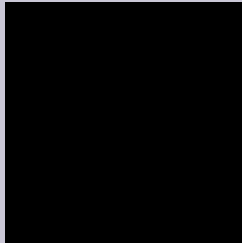
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

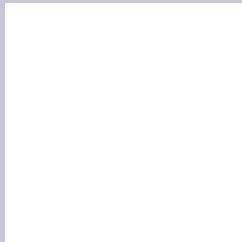
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.071, 298.483

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.071, 298.483.

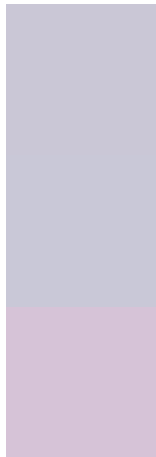


This preview shows how white text looks on a background with the CIELCh color 81, 8.071, 298.483.

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, 8.071, 298.483

Protanopia

81, 7.991, 293.431

Deuteranopia

81, 12.703, 323.558



Tritanopia
81, 8.598, 298.046

Trichromacy



Original Color
81, 8.071, 298.483

Protanomaly
81, 7.991, 293.431

Deuteranomaly
81, 10.700, 316.766

Tritanomaly
81, 8.598, 298.046

Monochromacy



Original Color
81, 8.071, 298.483

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.692, 298.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.071, 298.483 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(202, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(202, 199, 214)  
}
```

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(202, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 199, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.071, 298.483 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(202, 199, 214) }
```

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

```
.border{ border-color:rgb(202, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(202, 199,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.071, 298.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 199, 214) }
```

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

```
.background{ background-color: rgb(202,  
199, 214) }
```

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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