

Converting Colors

CIELCh(81, 8.439, 313.030)

Have a look what the booklet for
CIELCh(81, 8.439, 313.030) contains.

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Color

CIELCh(81, 8.649, 312.758)

Conversions

Conversions Part 1

Format	Color
Hex	CFC6D5
RGB	207, 198, 213
RGB Percent	81%, 78%, 84%
CMY	0.1881, 0.2234, 0.1646
CMYK	0.03, 0.07, 0.00, 0.16
HSL	276°, 15%, 81%
HSV	276°, 7%, 84%
XYZ	57.9495, 58.4711, 71.1962
YIQ	202.4010, 0.5490, 6.5730

Conversions

Conversions Part 2

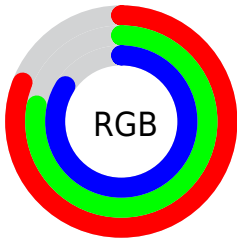
Format	Color
R_{YB}	207, 198, 213
Decimal	13616853
CIE Lab	81.00, 5.87, -6.35
CIE LCh	81, 8.649, 312.758
Yxy	58.4711, 0.3089, 0.3117
Android (android.graphics.Color)	4291806933 (0xFFCFC6D5)
YUV	202.4010, 5.2253, 4.0333
Hunter-Lab	76.4664, 1.4588, -1.6772

Details

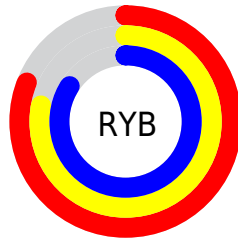
The CIELCh color $81, 8.649, 312.758$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 8.569, 132.206$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 8.638, 314.241$ is the 20% darker color. If you saturate the color by 10%, you get $75, 21.182, 313.205$, and if you desaturate by 10%, it is $87, 3.572, 132.409$.

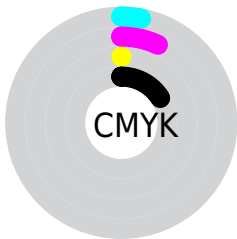
Distribution



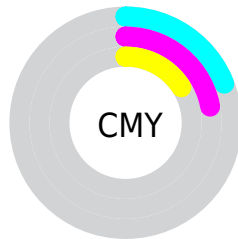
- Red (81%)
- Green (78%)
- Blue (84%)



- Red (81%)
- Yellow (78%)
- Blue (84%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.649, 312.758 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, 8.649, 312.758 by changing the saturation by 10% instead.

81, 8.649, 312.758

81, 8.649, 312.758

100, 8.649,
312.758

71, 8.649, 312.758

61, 8.649, 312.758

51, 8.649, 312.758

41, 8.649, 312.758

31, 8.649, 312.758

21, 8.649, 312.758

11, 8.649, 312.758

1, 8.649, 312.758

0, 8.649, 312.758

81, 8.649, 312.758

81, 8.649, 312.758

75, 21.182,
313.205

87, 3.572, 132.409

69, 33.968,
313.667

93, 15.445,
132.000

63, 46.884,
314.133

97, 22.858,
129.512

58, 59.720,
314.577

98, 21.883,
122.047

52, 72.137,
314.959

99, 21.324,
113.907

47, 83.628,
315.222

99, 21.211,
108.571

43, 93.510,
315.289

40, 101.018,
315.070

■ 37,105.637,
314.497

Harmonies

Complementary

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



81, 8.649, 312.758



84, 8.569, 132.206

Rectangle

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



81, 8.649, 312.758



81, 8.649, 2.758



81, 8.649, 132.758



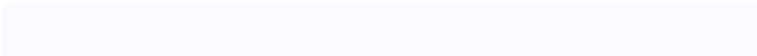
81, 8.649, 182.758

Sweetspot

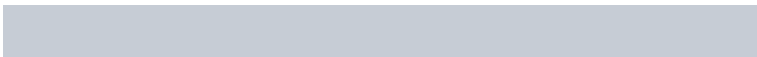
The Sweet Spot groups the original color and five complimentary colors.



81, 8.647, 312.755



99, 2.831, 312.500



82, 5.106, 264.856



53, 1.610, 312.493



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, 8.647, 312.755



94, 11.384, 312.802



81, 9.141, 327.142



42, 7.022, 312.862



29, 90.438, 314.469



4, 29.759, 312.558

Inverse Universe

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



81, 6.382, 349.969



95, 8.406, 350.076



84, 9.120, 146.386



42, 5.188, 350.213



36, 62.784, 11.330



5, 22.731, 0.662

Previews

White Background



This preview shows how the CIELCh color 81, 8.649, 312.758 looks on a white background.

Color Contrast Check

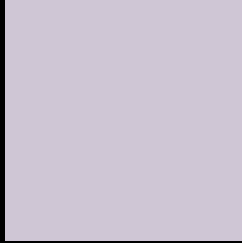
Large Text (above 18pt) WCAG AA × Fail

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, 8.649, 312.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

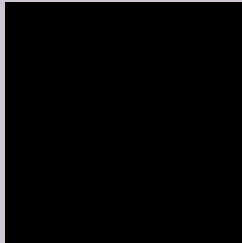
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 8.649, 312.758

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.649, 312.758.

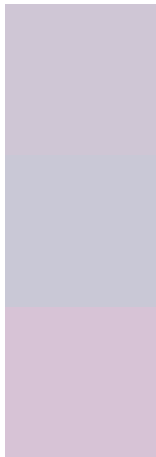


This preview shows how white text looks on a background with the CIELCh color 81, 8.649, 312.758.

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, 8.649, 312.758

Protanopia

81, 7.461, 293.572

Deuteranopia

81, 12.469, 326.307



Tritanopia
81, 9.143, 311.522

Trichromacy



Original Color
81, 8.649, 312.758

Protanomaly
81, 8.130, 300.973

Deuteranomaly
81, 11.226, 321.781

Tritanomaly
81, 9.143, 311.522

Monochromacy



Original Color
81, 8.649, 312.758

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.889, 312.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.649, 312.758 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, 198, 213)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 213)  
}
```

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, 198, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.649, 312.758 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, 198, 213) }
```

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

```
.border{ border-color:rgb(207, 198, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.649, 312.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 213) }
```

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

```
.background{ background-color: rgb(207,  
198, 213) }
```

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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