

Converting Colors

CIELCh(81, 8.469, 318.643)

Have a look what the booklet for
CIELCh(81, 8.469, 318.643) contains.

CIELCh(81, 8.476, 318.644)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 8.476, 318.644)

Conversions

Conversions Part 1

Format	Color
Hex	D1C6D4
RGB	209, 198, 212
RGB Percent	82%, 78%, 83%
CMY	0.1818, 0.2249, 0.1700
CMYK	0.01, 0.07, 0.00, 0.17
HSL	287°, 14%, 80%
HSV	287°, 7%, 83%
XYZ	58.1509, 58.4711, 70.2775
YIQ	202.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

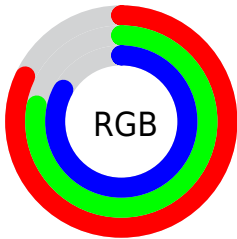
Format	Color
R _Y B	209, 198, 212
Decimal	13747924
CIE Lab	81.00, 6.36, -5.60
CIE LCh	81, 8.476, 318.644
Yxy	58.4711, 0.3111, 0.3128
Android (android.graphics.Color)	4291938004 (0xFFD1C6D4)
YUV	202.8850, 4.4937, 5.3629
Hunter-Lab	76.4664, 1.9288, -0.9648

Details

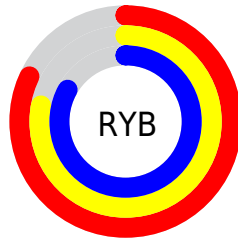
The CIELCh color $81, 8.476, 318.644$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 8.429, 138.111$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 8.478, 320.522$ is the 20% darker color. If you saturate the color by 10%, you get $75, 21.473, 319.100$, and if you desaturate by 10%, it is $87, 4.282, 138.288$.

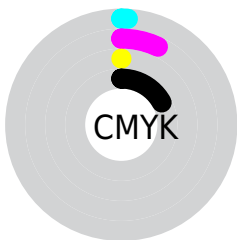
Distribution



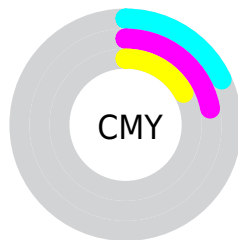
- Red (82%)
- Green (78%)
- Blue (83%)



- Red (82%)
- Yellow (78%)
- Blue (83%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.476, 318.644 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, 8.476, 318.644 by changing the saturation by 10% instead.

81, 8.476, 318.644

81, 8.476, 318.644

100, 8.476,
318.644

71, 8.476, 318.644

61, 8.476, 318.644

51, 8.476, 318.644

41, 8.476, 318.644

31, 8.476, 318.644

21, 8.476, 318.644

11, 8.476, 318.644

1, 8.476, 318.644

0, 8.476, 318.644

81, 8.476, 318.644

81, 8.476, 318.644

75, 21.473,
319.100

87, 4.282, 138.288

70, 34.601,
319.547

93, 16.726,
137.843

65, 47.669,
319.976

97, 25.110,
136.661

59, 60.389,
320.363

97, 24.352,
133.401

55, 72.352,
320.676

97, 23.677,
129.904

51, 83.023,
320.872

98, 23.096,
126.177

47, 91.790,
320.905

98, 22.618,
122.238

45, 98.095,
320.727

98, 22.255,
118.113

■ 43, 101.683,
320.306

■ 99, 22.015,
113.842

Harmonies

Complementary

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



81, 8.476, 318.644



84, 8.429, 138.111

Rectangle

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



81, 8.476, 318.644



81, 8.476, 8.644



81, 8.476, 138.644



81, 8.476, 188.644

Sweetspot

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



81, 8.474, 318.643



99, 2.975, 318.386



81, 5.910, 280.195



53, 1.691, 318.377



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, 8.474, 318.643



95, 11.944, 318.712



81, 7.408, 334.015



42, 7.364, 318.774



34, 87.408, 320.247



5, 31.394, 320.149

Inverse Universe

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



81, 5.414, 2.676



95, 7.650, 2.839



84, 7.376, 153.219



42, 4.727, 2.984



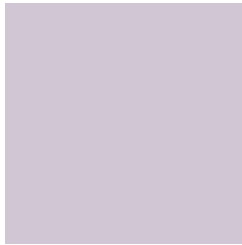
36, 68.007, 28.004



5, 22.078, 10.235

Previews

White Background



This preview shows how the CIELCh color 81, 8.476, 318.644 looks on a white background.

Color Contrast Check

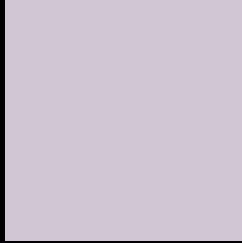
Large Text (above 18pt) WCAG AA × Fail

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 81, 8.476, 318.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

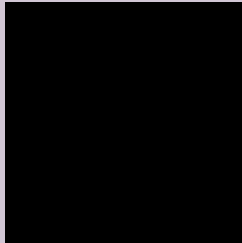
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 8.476, 318.644

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.476, 318.644.

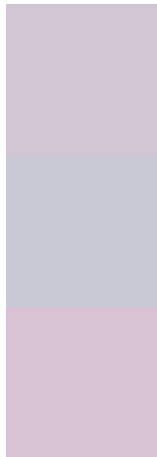


This preview shows how white text looks on a background with the CIELCh color 81, 8.476, 318.644.

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, 8.476, 318.644

Protanopia

81, 6.930, 293.741

Deuteranopia

81, 11.862, 330.770



Tritanopia
81, 9.591, 317.592

Trichromacy



Original Color
81, 8.476, 318.644

Protanomaly
81, 7.686, 304.270

Deuteranomaly
81, 10.545, 326.481

Tritanomaly
81, 9.591, 317.592

Monochromacy



Original Color
81, 8.476, 318.644

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 3.048, 318.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.476, 318.644 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(209, 198, 212)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 212)  
}
```

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(209, 198, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.476, 318.644 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(209, 198, 212) }
```

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

```
.border{ border-color:rgb(209, 198, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 198, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.476, 318.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 212) }
```

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

```
.background{ background-color: rgb(209,  
198, 212) }
```

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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