

Converting Colors

CIELCh(79, 13.983, 313.766)

Have a look what the booklet for
CIELCh(79, 13.983, 313.766)
contains.

CIELCh(79, 13.978, 313.769)	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(79, 13.978, 313.769)

Conversions

Conversions Part 1

Format	Color
Hex	CDBED6
RGB	205, 190, 214
RGB Percent	80%, 75%, 84%
CMY	0.1944, 0.2532, 0.1591
CMYK	0.04, 0.11, 0.00, 0.16
HSL	277°, 23%, 79%
HSV	277°, 11%, 84%
XYZ	55.9942, 54.9284, 71.5603
YIQ	197.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

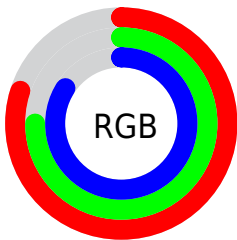
Format	Color
R _Y B	205, 190, 214
Decimal	13483734
CIE Lab	79.00, 9.67, -10.09
CIE LCh	79, 13.978, 313.769
Yxy	54.9284, 0.3068, 0.3010
Android (android.graphics.Color)	4291673814 (0xFFCDBED6)
YUV	197.2210, 8.2720, 6.8222
Hunter-Lab	74.1137, 5.1610, -5.3677

Details

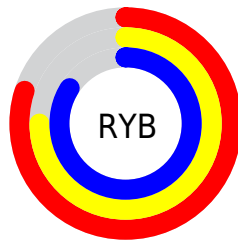
The CIELCh color **79, 13.978, 313.769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 13.815, 132.847**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **59, 13.613, 314.244** is the 20% darker color. If you saturate the color by 10%, you get **73, 26.754, 314.216**, and if you desaturate by 10%, it is **85, 1.482, 313.248**.

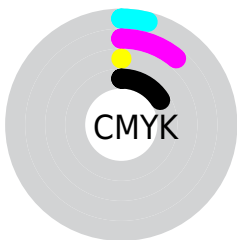
Distribution



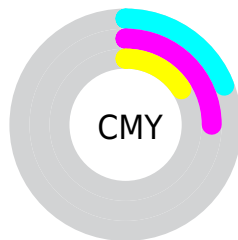
- Red (80%)
- Green (75%)
- Blue (84%)



- Red (80%)
- Yellow (75%)
- Blue (84%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)





- Cyan (19%)
- Magenta (25%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 13.978, 313.769 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 79, 13.978, 313.769 by changing the saturation by 10% instead.


 79, 13.978,
313.769


 79, 13.978,
313.769


 100, 13.978,
313.769


 69, 13.978,
313.769


 99, 13.978,
313.769

 59, 13.978,
313.769

 49, 13.978,
313.769

 39, 13.978,
313.769

 29, 13.978,
313.769

 19, 13.978,
313.769

 9, 13.978, 313.769

0, 13.978, 313.769

79, 13.978,
313.769

79, 13.978,
313.769

73, 26.754,
314.216

85, 1.482, 313.248

67, 39.722,
314.672

91, 10.681,
132.987

61, 52.715,
315.118

97, 22.492,
132.624

56, 65.462,
315.524

98, 21.556,
125.781

51, 77.545,
315.842

98, 20.829,
118.138

46, 88.373,
316.010

99, 20.511,
109.987

■ 42, 97.221,
315.949

■ 99, 20.500,
108.626

■ 40, 103.393,
315.576

■ 38, 106.704,
315.002

Harmonies

Complementary

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



79, 13.978, 313.769



84, 13.815, 132.847

Rectangle

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



79, 13.978, 313.769



79, 13.978, 3.769



79, 13.978, 133.769



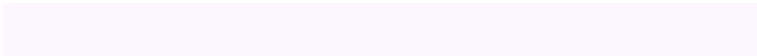
79, 13.978, 183.769

Sweetspot

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



79, 13.976, 313.768



98, 4.273, 313.391



80, 8.453, 268.462



52, 3.241, 313.433



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 13.976, 313.768



91, 18.720, 313.853



80, 14.315, 328.416



42, 7.064, 313.689



30, 89.974, 315.168



4, 29.980, 313.619

Inverse Universe

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



79, 10.122, 351.974



91, 13.570, 352.177



84, 14.286, 147.103



42, 5.111, 351.790



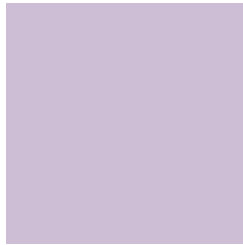
36, 63.106, 13.740



5, 22.590, 2.143

Previews

White Background



This preview shows how the CIELCh color 79, 13.978, 313.769 looks on a white background.

Color Contrast Check

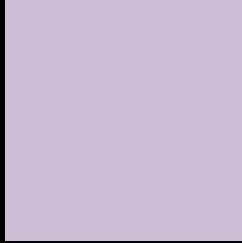
Large Text (above 18pt) WCAG AA × Fail

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 79, 13.978, 313.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

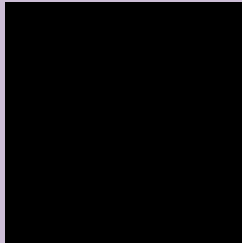
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 13.978, 313.769

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.978, 313.769.



This preview shows how white text looks on a background with the CIELCh color 79, 13.978, 313.769.

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

79, 13.978, 313.769

Protanopia

79, 12.296, 289.661

Deuteranopia

79, 14.119, 315.124



Tritanopia
79, 9.165, 319.106

Trichromacy



Original Color
79, 13.978, 313.769

Protanomaly
79, 12.456, 299.403

Deuteranomaly
79, 14.119, 315.124

Tritanomaly
79, 11.396, 317.253

Monochromacy



Original Color
79, 13.978, 313.769

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.304, 314.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.978, 313.769 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(205, 190, 214)` looks like.

```
.text, #text, p{  
    color:rgb(205, 190, 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(205, 190, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 190, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.978, 313.769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

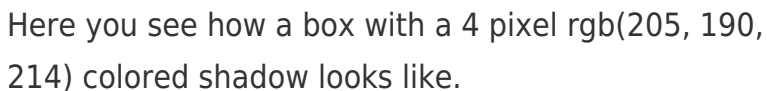
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 190, 214) }
```

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

```
.border{ border-color:rgb(205, 190, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 190, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 190, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 190, 214);  
box-shadow:4px 4px 4px 4px rgb(205, 190,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.978, 313.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 190, 214) }
```

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

```
.background{ background-color: rgb(205,  
190, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor