

Converting Colors

CIELCh(79, 13.233, 304.873)

Have a look what the booklet for
CIELCh(79, 13.233, 304.873)
contains.

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Color

CIELCh(79, 13.274, 305.172)

Conversions

Conversions Part 1

Format	Color
Hex	C9C0D8
RGB	201, 192, 216
RGB Percent	79%, 75%, 85%
CMY	0.2127, 0.2479, 0.1539
CMYK	0.07, 0.11, 0.00, 0.15
HSL	262°, 23%, 80%
HSV	262°, 11%, 85%
XYZ	55.1874, 54.9284, 72.4984
YIQ	197.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

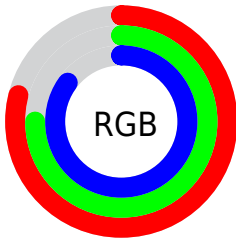
Format	Color
R _Y B	201, 192, 216
Decimal	13222104
CIE Lab	79.00, 7.65, -10.85
CIE LCh	79, 13.274, 305.172
Yxy	54.9284, 0.3022, 0.3008
Android (android.graphics.Color)	4291412184 (0xFFC9C0D8)
YUV	197.4270, 9.1565, 3.1335
Hunter-Lab	74.1137, 3.2177, -6.1182

Details

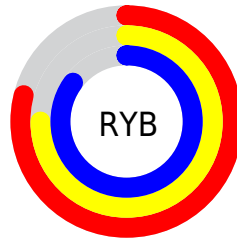
The CIELCh color **79, 13.274, 305.172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 13.015, 124.025**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **59, 12.877, 304.899** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.621, 305.773**, and if you desaturate by 10%, it is **86, 1.322, 304.581**.

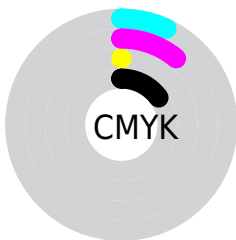
Distribution



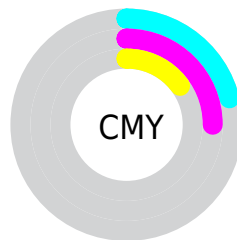
- Red (79%)
- Green (75%)
- Blue (85%)



- Red (79%)
- Yellow (75%)
- Blue (85%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)





- Cyan (21%)
- Magenta (25%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 13.274, 305.172 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, 13.274, 305.172 by changing the saturation by 10% instead.


 79, 13.274,
305.172


 79, 13.274,
305.172


 100, 13.274,
305.172


 69, 13.274,
305.172


 99, 13.274,
305.172

 59, 13.274,
305.172

 49, 13.274,
305.172

 39, 13.274,
305.172

 29, 13.274,
305.172

 19, 13.274,
305.172

 9, 13.274, 305.172

0, 13.274, 305.172

79, 13.274,
305.172

79, 13.274,
305.172

72, 25.621,
305.773

86, 1.322, 304.581

66, 38.345,
306.438

92, 10.227,
124.179

60, 51.370,
307.155

98, 20.531,
122.881

53, 64.537,
307.900

99, 19.834,
108.981

47, 77.534,
308.624

99, 19.832,
108.677

42, 89.807,
309.244

■ 37,100.487,
309.637

■ 33,108.470,
309.647

■ 31,113.042,
309.329

Harmonies

Complementary

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



79, 13.274, 305.172



85, 13.015, 124.025

Rectangle

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



79, 13.274, 305.172



79, 13.274, 355.172



79, 13.274, 125.172



79, 13.274, 175.172

Sweetspot

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



79, 13.272, 305.169



98, 4.053, 304.716



82, 6.995, 241.037



52, 3.075, 304.762



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, 13.272, 305.169



90, 17.828, 305.285



80, 14.872, 321.271



42, 6.716, 305.073



24, 94.805, 309.494



3, 28.324, 303.881

Inverse Universe

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



80, 11.900, 338.275



92, 15.960, 338.436



84, 14.808, 140.223



42, 6.029, 338.138



37, 65.576, 350.594



5, 25.173, 345.678

Previews

White Background



This preview shows how the CIELCh color 79, 13.274, 305.172 looks on a white background.

Color Contrast Check

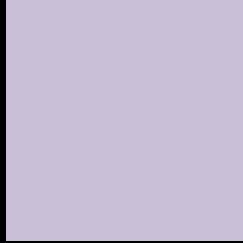
Large Text (above 18pt) WCAG AA × Fail

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, 13.274, 305.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

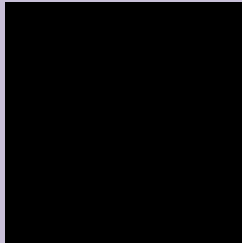
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

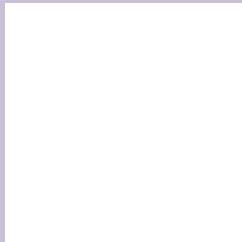
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 13.274, 305.172

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.274, 305.172.



This preview shows how white text looks on a background with the CIELCh color 79, 13.274, 305.172.

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, 13.274, 305.172

Protanopia

79, 12.296, 289.661

Deuteranopia

79, 14.966, 312.214



Tritanopia
79, 8.442, 308.212

Trichromacy



Original Color
79, 13.274, 305.172

Protanomaly
79, 12.900, 296.006

Deuteranomaly
79, 14.095, 308.893

Tritanomaly
79, 9.981, 305.524

Monochromacy



Original Color
79, 13.274, 305.172

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 4.947, 303.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.274, 305.172 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(201, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(201, 192, 216)  
}
```

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(201, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.274, 305.172 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(201, 192, 216) }
```

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

```
.border{ border-color:rgb(201, 192, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.274, 305.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 216) }
```

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

```
.background{ background-color: rgb(201,  
192, 216) }
```

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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