

Converting Colors

CIELCh(79, 10.504, 304.274)

Have a look what the booklet for
CIELCh(79, 10.504, 304.274)
contains.

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Color

CIELCh(79, 10.416, 302.905)

Conversions

Conversions Part 1

Format	Color
Hex	C7C1D4
RGB	199, 193, 212
RGB Percent	78%, 76%, 83%
CMY	0.2203, 0.2438, 0.1693
CMYK	0.06, 0.09, 0.00, 0.17
HSL	259°, 18%, 79%
HSV	259°, 9%, 83%
XYZ	54.4021, 54.9284, 69.9077
YIQ	196.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

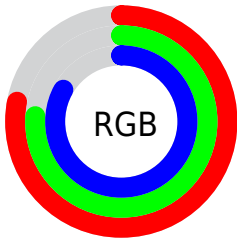
Format	Color
R_{YB}	199, 193, 212
Decimal	13091284
CIE _{Lab}	79.00, 5.66, -8.74
CIE _{LCh}	79, 10.416, 302.905
Yxy	54.9284, 0.3035, 0.3065
Android (android.graphics.Color)	4291281364 (0xFFC7C1D4)
YUV	196.9600, 7.4147, 1.7891
Hunter-Lab	74.1137, 1.3265, -4.0457

Details

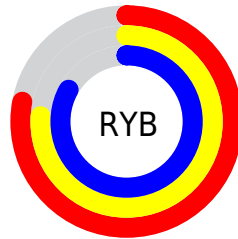
The CIELCh color **79, 10.416, 302.905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 10.232, 121.899**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **59, 9.853, 302.217** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.411, 303.555**, and if you desaturate by 10%, it is **86, 1.168, 122.383**.

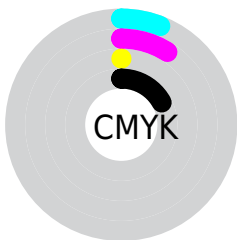
Distribution



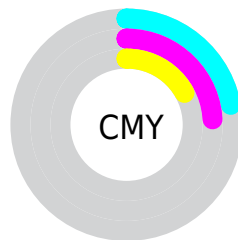
- Red (78%)
- Green (76%)
- Blue (83%)



- Red (78%)
- Yellow (76%)
- Blue (83%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)





- Cyan (22%)
- Magenta (24%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 10.416, 302.905 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, 10.416, 302.905 by changing the saturation by 10% instead.


 79, 10.416,
302.905


 79, 10.416,
302.905


 100, 10.416,
302.905


 69, 10.416,
302.905


 99, 10.416,
302.905

 59, 10.416,
302.905

 49, 10.416,
302.905

 39, 10.416,
302.905

 29, 10.416,
302.905

 19, 10.416,
302.905

 9, 10.416, 302.905

0, 10.416, 302.905

79, 10.416,
302.905

79, 10.416,
302.905

72, 22.411,
303.555

86, 1.168, 122.383

66, 34.815,
304.289

92, 12.346,
121.840

59, 47.586,
305.099

98, 22.364,
120.575

53, 60.613,
305.967

99, 21.811,
108.525

47, 73.654,
306.853

41, 86.240,
307.681

■ 36, 97.567,
308.327

■ 32, 106.486,
308.619

■ 29, 112.188,
308.465

Harmonies

Complementary

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



79, 10.416, 302.905



84, 10.232, 121.899

Rectangle

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



79, 10.416, 302.905



79, 10.416, 352.905



79, 10.416, 122.905



79, 10.416, 172.905

Sweetspot

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



79, 10.414, 302.901



98, 4.015, 302.542



82, 5.537, 232.321



52, 3.046, 302.591



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, 10.414, 302.901



92, 14.905, 303.035



80, 11.572, 319.187



42, 6.657, 302.930



23, 95.862, 308.590



2, 28.118, 302.041

Inverse Universe

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



80, 9.843, 335.511



93, 14.060, 335.672



83, 11.509, 138.418



42, 6.289, 335.546



38, 67.786, 345.922



6, 26.179, 342.004

Previews

White Background



This preview shows how the CIELCh color 79, 10.416, 302.905 looks on a white background.

Color Contrast Check

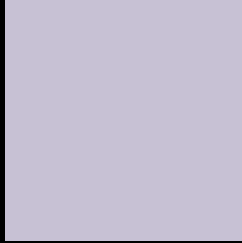
Large Text (above 18pt) WCAG AA × Fail

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, 10.416, 302.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

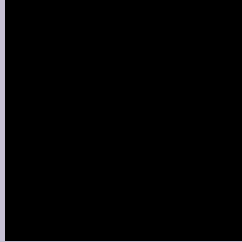
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

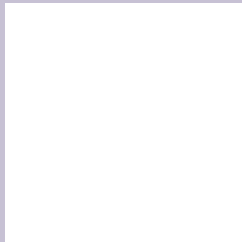
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 10.416, 302.905

Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.416, 302.905.



This preview shows how white text looks on a background with the CIELCh color 79, 10.416, 302.905.

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, 10.416, 302.905

Protanopia

79, 10.160, 291.098

Deuteranopia

79, 13.317, 318.423



Tritanopia
79, 8.772, 302.703

Trichromacy



Original Color
79, 10.416, 302.905

Protanomaly
79, 10.195, 295.072

Deuteranomaly
79, 12.216, 313.515

Tritanomaly
79, 9.295, 302.056

Monochromacy



Original Color
79, 10.416, 302.905

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 3.914, 306.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 10.416, 302.905 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(199, 193, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 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(199, 193, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 10.416, 302.905 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(199, 193, 212) }
```

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

```
.border{ border-color:rgb(199, 193, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 193, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 10.416, 302.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 212) }
```

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

```
.background{ background-color: rgb(199,  
193, 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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