

Converting Colors

CIELCh(79, 14.322, 301.312)

Have a look what the booklet for
CIELCh(79, 14.322, 301.312)
contains.

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Color

CIELCh(79, 14.168, 301.400)

Conversions

Conversions Part 1

Format	Color
Hex	C7C0DA
RGB	199, 192, 218
RGB Percent	78%, 75%, 85%
CMY	0.2194, 0.2469, 0.1449
CMYK	0.09, 0.12, 0.00, 0.14
HSL	256°, 26%, 80%
HSV	256°, 12%, 86%
XYZ	55.0824, 54.9284, 74.0569
YIQ	197.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

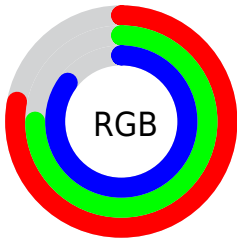
Format	Color
R _{YB}	199, 192, 218
Decimal	13091034
CIE Lab	79.00, 7.38, -12.09
CIE LCh	79, 14.168, 301.400
Yxy	54.9284, 0.2993, 0.2984
Android (android.graphics.Color)	4291281114 (0xFFC7C0DA)
YUV	197.0570, 10.3249, 1.7040
Hunter-Lab	74.1137, 2.9649, -7.3650

Details

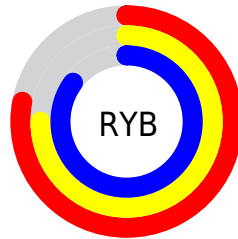
The CIELCh color **79, 14.168, 301.400** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 13.831, 119.923**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **59, 13.838, 300.881** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.522, 302.140**, and if you desaturate by 10%, it is **86, 2.252, 300.734**.

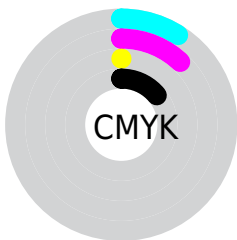
Distribution



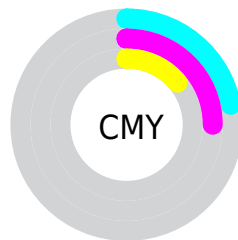
- Red (78%)
- Green (75%)
- Blue (85%)



- Red (78%)
- Yellow (75%)
- Blue (85%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (25%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 14.168, 301.400 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, 14.168, 301.400 by changing the saturation by 10% instead.

 79, 14.168,
301.400

 79, 14.168,
301.400

 100, 14.168,
301.400

 69, 14.168,
301.400

 99, 14.168,
301.400

 59, 14.168,
301.400

 49, 14.168,
301.400

 39, 14.168,
301.400

 29, 14.168,
301.400

 19, 14.168,
301.400

 9, 14.168, 301.400

0, 14.168, 301.400

79, 14.168,
301.400

79, 14.168,
301.400

72, 26.522,
302.140

86, 2.252, 300.734

92, 9.233, 120.193

65, 39.314,
302.979

99, 18.958,
117.826

59, 52.498,
303.910

99, 18.685,
108.764

52, 65.946,
304.912

46, 79.369,
305.937

40, 92.197,
306.889

■ 35,103.446,
307.615

■ 31,111.784,
307.920

■ 29,116.109,
307.858

Harmonies

Complementary

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



79, 14.168, 301.400



86, 13.831, 119.923

Rectangle

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



79, 14.168, 301.400



79, 14.168, 351.400



79, 14.168, 121.400



79, 14.168, 171.400

Sweetspot

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



79, 14.166, 301.397



97, 5.326, 300.873



83, 7.519, 228.266



51, 3.789, 300.922



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, 14.166, 301.397



89, 18.961, 301.553



80, 15.651, 318.307



42, 6.746, 301.227



22, 97.694, 307.987



3, 30.090, 301.546

Inverse Universe

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



80, 13.882, 333.838



91, 18.534, 333.995



85, 15.535, 137.274



43, 6.629, 333.662



39, 70.607, 342.585



6, 28.613, 339.546

Previews

White Background



This preview shows how the CIELCh color 79, 14.168, 301.400 looks on a white background.

Color Contrast Check

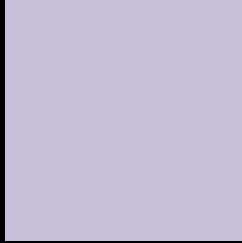
Large Text (above 18pt) WCAG AA × Fail

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 79, 14.168, 301.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

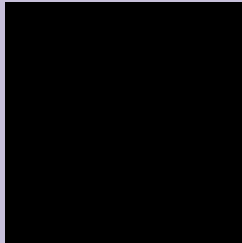
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 14.168, 301.400

Background



This preview shows how black text looks on a background with the CIELCh color 79, 14.168, 301.400.



This preview shows how white text looks on a background with the CIELCh color 79, 14.168, 301.400.

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, 14.168, 301.400

Protanopia

79, 13.371, 288.407

Deuteranopia

79, 15.849, 309.645



Tritanopia
79, 8.168, 300.983

Trichromacy



Original Color
79, 14.168, 301.400

Protanomaly
79, 13.939, 294.294

Deuteranomaly
79, 15.017, 306.395

Tritanomaly
79, 10.346, 300.973

Monochromacy



Original Color
79, 14.168, 301.400

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 5.469, 302.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 14.168, 301.400 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, 192, 218)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 218)  
}
```

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, 192, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 14.168, 301.400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

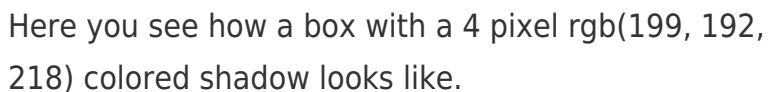
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 192, 218) }
```

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

```
.border{ border-color:rgb(199, 192, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 192, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 192, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 192, 218); box-shadow:4px 4px 4px 4px rgb(199, 192, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 14.168, 301.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 218) }
```

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

```
.background{ background-color: rgb(199,  
192, 218) }
```

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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