

Converting Colors

CIELCh(79, 2.276, 309.104)

Have a look what the booklet for
CIELCh(79, 2.276, 309.104) contains.

CIELCh(79, 2.274, 309.103)	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, 2.274, 309.103)

Conversions

Conversions Part 1

Format	Color
Hex	C5C3C7
RGB	197, 195, 199
RGB Percent	77%, 76%, 78%
CMY	0.2280, 0.2359, 0.2202
CMYK	0.01, 0.02, 0.00, 0.22
HSL	270°, 3%, 77%
HSV	270°, 2%, 78%
XYZ	52.7583, 54.9284, 61.7616
YIQ	196.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

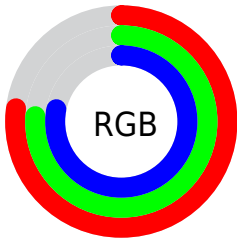
Format	Color
RYB	197, 195, 199
Decimal	12960711
CIELab	79.00, 1.43, -1.76
CIELCh	79, 2.274, 309.103
Yxy	54.9284, 0.3114, 0.3242
Android (android.graphics.Color)	4291150791 (0xFFC5C3C7)
YUV	196.0540, 1.4524, 0.8296
Hunter-Lab	74.1137, -2.6326, 2.4711

Details

The CIELCh color $79, 2.274, 309.103$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 2.248, 129.020$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.696, 314.598$, and $59, 2.411, 309.146$ is the 20% darker color. If you saturate the color by 10%, you get $73, 13.734, 309.586$, and if you desaturate by 10%, it is $85, 8.848, 128.743$.

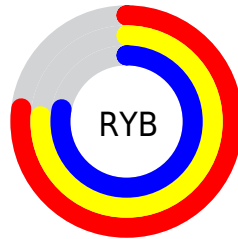
Distribution



Red (77%)

Green (76%)

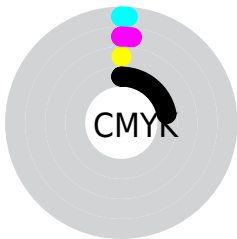
Blue (78%)



Red (77%)

Yellow (76%)

Blue (78%)

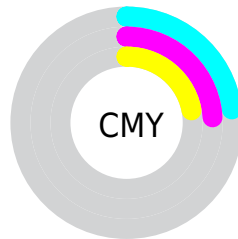


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 2.274, 309.103 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, 2.274, 309.103 by changing the saturation by 10% instead.

■ 79, 2.274, 309.103

■ 79, 2.274, 309.103

■ 100, 2.274,
309.103

■ 69, 2.274, 309.103

■ 99, 2.274, 309.103

■ 59, 2.274, 309.103

■ 49, 2.274, 309.103

■ 39, 2.274, 309.103

■ 29, 2.274, 309.103

■ 19, 2.274, 309.103

■ 9, 2.274, 309.103

■ 0, 2.274, 309.103

■ 79, 2.274, 309.103

■ 79, 2.274, 309.103

73, 13.734,
309.586

85, 8.848, 128.743

67, 25.515,
310.086

91, 19.622,
128.370

61, 37.560,
310.615

97, 30.059,
128.044

56, 49.756,
311.159

97, 29.211,
121.569

50, 61.895,
311.686

98, 28.513,
114.377

45, 73.628,
312.148

99, 28.309,
108.027

40, 84.409,
312.469

36, 93.484,
312.550

33, 100.031,

Harmonies

Complementary

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



79, 2.274, 309.103



80, 2.248, 129.020

Rectangle

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



79, 2.274, 309.103



79, 2.274, 359.103



79, 2.274, 129.103



79, 2.274, 179.103

Sweetspot

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



79, 2.272, 309.088



99, 1.387, 308.995



79, 1.272, 254.128



53, 0.789, 308.988



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, 2.272, 309.088



99, 2.767, 309.090



79, 2.594, 324.009



41, 1.283, 309.079



25, 89.280, 311.993



2, 22.366, 305.906

Inverse Universe

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



79, 1.830, 343.569



99, 2.229, 343.573



80, 2.576, 143.989



42, 1.033, 343.543



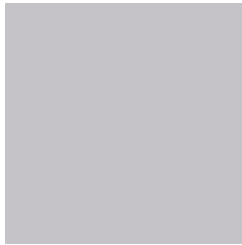
35, 60.741, 1.521



4, 17.861, 352.957

Previews

White Background



This preview shows how the CIE LCh color 79, 2.274, 309.103 looks on a white background.

Color Contrast Check

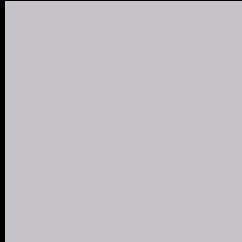
Large Text (above 18pt) WCAG AA × Fail

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, 2.274, 309.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

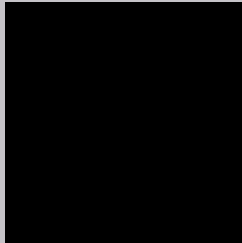
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

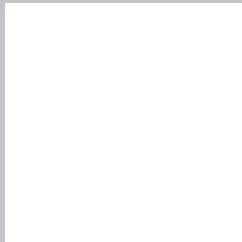
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 2.274, 309.103

Background



This preview shows how black text looks on a background with the CIELCh color 79, 2.274, 309.103.



This preview shows how white text looks on a background with the CIELCh color 79, 2.274, 309.103.

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, 2.274, 309.103

Protanopia

79, 2.420, 317.299

Deuteranopia

79, 10.351, 345.728



Tritanopia
79, 8.772, 302.703

Trichromacy



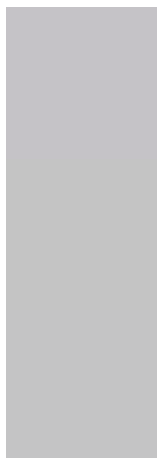
Original Color
79, 2.274, 309.103

Protanomaly
79, 2.420, 317.299

Deuteranomaly
79, 7.348, 339.125

Tritanomaly
79, 6.078, 304.437

Monochromacy



Original Color
79, 2.274, 309.103

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.543, 290.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 2.274, 309.103 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(197, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 195, 199)  
}
```

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(197, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 2.274, 309.103 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(197, 195, 199) }
```

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

```
.border{ border-color:rgb(197, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 195,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 2.274, 309.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 199) }
```

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

```
.background{ background-color: rgb(197,  
195, 199) }
```

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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