

Converting Colors

CIELCh(79, 5.799, 312.659)

Have a look what the booklet for
CIELCh(79, 5.799, 312.659) contains.

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Color

CIELCh(79, 5.799, 312.659)

Conversions

Conversions Part 1

Format	Color
Hex	C8C2CC
RGB	200, 194, 204
RGB Percent	78%, 76%, 80%
CMY	0.2175, 0.2410, 0.2018
CMYK	0.02, 0.05, 0.00, 0.20
HSL	276°, 9%, 78%
HSV	276°, 5%, 80%
XYZ	53.7253, 54.9284, 64.6019
YIQ	196.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

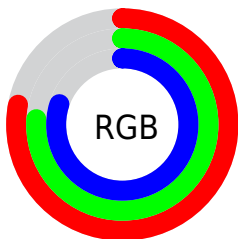
Format	Color
R _Y B	200, 194, 204
Decimal	13157068
CIE Lab	79.00, 3.93, -4.26
CIE LCh	79, 5.799, 312.659
Yxy	54.9284, 0.3101, 0.3170
Android (android.graphics.Color)	4291347148 (0xFFC8C2CC)
YUV	196.9340, 3.4835, 2.6889
Hunter-Lab	74.1137, -0.3036, 0.1989

Details

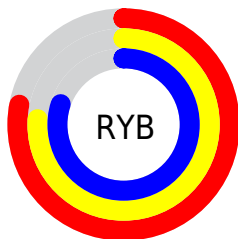
The CIELCh color $79, 5.799, 312.659$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 5.751, 132.304$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 324.451$, and $59, 6.150, 312.733$ is the 20% darker color. If you saturate the color by 10%, you get $73, 17.814, 313.104$, and if you desaturate by 10%, it is $85, 5.908, 132.306$.

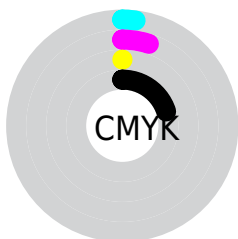
Distribution



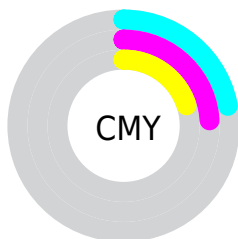
- Red (78%)
- Green (76%)
- Blue (80%)



- Red (78%)
- Yellow (76%)
- Blue (80%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.799, 312.659 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, 5.799, 312.659 by changing the saturation by 10% instead.

■ 79, 5.799, 312.659

■ 79, 5.799, 312.659

■ 100, 5.799,
312.659

■ 69, 5.799, 312.659

■ 99, 5.799, 312.659

■ 59, 5.799, 312.659

■ 49, 5.799, 312.659

■ 39, 5.799, 312.659

■ 29, 5.799, 312.659

■ 19, 5.799, 312.659

■ 9, 5.799, 312.659

■ 0, 5.799, 312.659

■ 79, 5.799, 312.659

■ 79, 5.799, 312.659

73, 17.814,
313.104

85, 5.908, 132.306

67, 30.090,
313.563

91, 17.277,
131.923

62, 42.522,
314.028

97, 28.307,
131.589

56, 54.932,
314.478

97, 27.436,
126.146

51, 67.027,
314.878

98, 26.609,
120.093

46, 78.359,
315.173

98, 26.110,
113.633

42, 88.309,
315.293

99, 25.970,
108.207

39, 96.147,
315.151

36, 101.250,

314.662

Harmonies

Complementary

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



79, 5.799, 312.659



81, 5.751, 132.304

Rectangle

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



79, 5.799, 312.659



79, 5.799, 2.659



79, 5.799, 132.659



79, 5.799, 182.659

Sweetspot

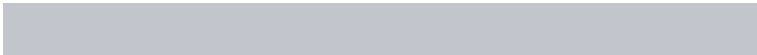
The Sweet Spot groups the original color and five complimentary colors.



79, 5.797, 312.655



99, 1.419, 312.394



80, 3.432, 264.591



53, 0.807, 312.385



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, 5.797, 312.655



96, 8.518, 312.709



79, 6.135, 327.006



41, 4.706, 312.731



28, 88.420, 314.493



3, 25.118, 310.585

Inverse Universe

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



79, 4.275, 349.736



96, 6.285, 349.863



81, 6.117, 146.532



41, 3.473, 349.915



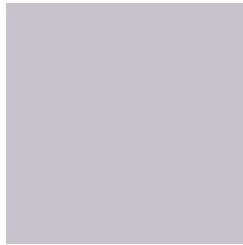
35, 61.381, 11.189



4, 19.091, 359.525

Previews

White Background



This preview shows how the CIELCh color 79, 5.799, 312.659 looks on a white background.

Color Contrast Check

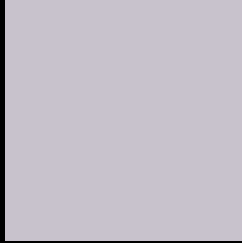
Large Text (above 18pt) WCAG AA × Fail

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, 5.799, 312.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

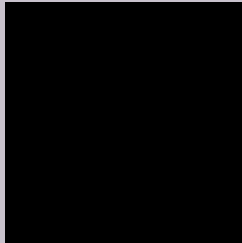
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

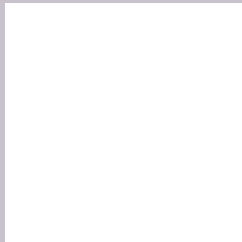
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.799, 312.659

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.799, 312.659.

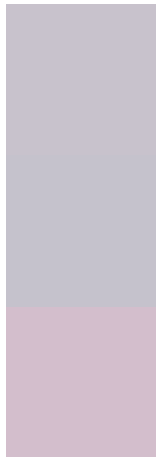


This preview shows how white text looks on a background with the CIELCh color 79, 5.799, 312.659.

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, 5.799, 312.659

Protanopia

79, 5.474, 302.074

Deuteranopia

79, 10.763, 336.335



Tritanopia
79, 8.442, 308.212

Trichromacy



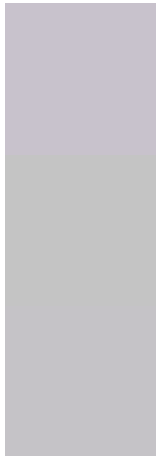
Original Color
79, 5.799, 312.659

Protanomaly
79, 5.561, 305.727

Deuteranomaly
79, 9.117, 330.534

Tritanomaly
79, 7.431, 310.652

Monochromacy



Original Color
79, 5.799, 312.659

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.274, 309.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.799, 312.659 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(200, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(200, 194, 204)  
}
```

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(200, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 194, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.799, 312.659 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(200, 194, 204) }
```

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

```
.border{ border-color:rgb(200, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 194,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.799, 312.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 194, 204) }
```

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

```
.background{ background-color: rgb(200,  
194, 204) }
```

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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