

Converting Colors

CIELCh(79, 5.623, 281.672)

Have a look what the booklet for
CIELCh(79, 5.623, 281.672) contains.

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Color

CIELCh(79, 5.913, 283.771)

Conversions

Conversions Part 1

Format	Color
Hex	C1C3CE
RGB	193, 195, 206
RGB Percent	76%, 76%, 81%
CMY	0.2425, 0.2346, 0.1915
CMYK	0.06, 0.05, 0.00, 0.19
HSL	231°, 12%, 78%
HSV	231°, 6%, 81%
XYZ	52.7480, 54.9284, 66.3219
YIQ	195.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

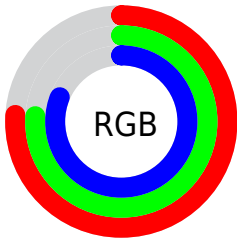
Format	Color
RYP	193, 195, 206
Decimal	12698574
CIELab	79.00, 1.41, -5.74
CIElCh	79, 5.913, 283.771
Yxy	54.9284, 0.3032, 0.3157
Android (android.graphics.Color)	4290888654 (0xFFC1C3CE)
YUV	195.6560, 5.0996, -2.3293
Hunter-Lab	74.1137, -2.6574, -1.1771

Details

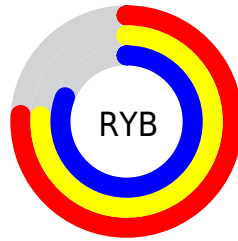
The CIELCh color **79, 5.913, 283.771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 5.845, 102.324**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.843, 255.948**, and **59, 6.273, 284.011** is the 20% darker color. If you saturate the color by 10%, you get **73, 15.518, 285.020**, and if you desaturate by 10%, it is **85, 3.393, 102.603**.

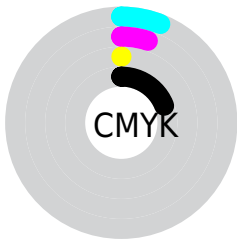
Distribution



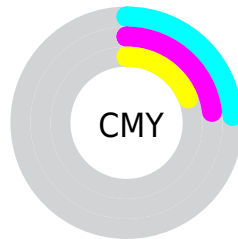
- Red (76%)
- Green (76%)
- Blue (81%)



- Red (76%)
- Yellow (76%)
- Blue (81%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.913, 283.771 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, 5.913, 283.771 by changing the saturation by 10% instead.

■ 79, 5.913, 283.771

■ 79, 5.913, 283.771

■ 100, 5.913,
283.771

■ 69, 5.913, 283.771

■ 99, 5.913, 283.771

■ 59, 5.913, 283.771

■ 49, 5.913, 283.771

■ 39, 5.913, 283.771

■ 29, 5.913, 283.771

■ 19, 5.913, 283.771

■ 9, 5.913, 283.771

■ 0, 5.913, 283.771

■ 79, 5.913, 283.771

■ 79, 5.913, 283.771

73, 15.518,
285.020

85, 3.393, 102.603

67, 25.453,
286.509

91, 12.415,
101.692

61, 35.744,
288.254

97, 21.170,
100.902

55, 46.423,
290.285

99, 24.649,
108.308

49, 57.507,
292.615

43, 68.953,
295.219

38, 80.568,
297.997

33, 91.833,
300.756

29, 101.764,

Harmonies

Complementary

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



79, 5.913, 283.771



82, 5.845, 102.324

Rectangle

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



79, 5.913, 283.771



79, 5.913, 333.771



79, 5.913, 103.771



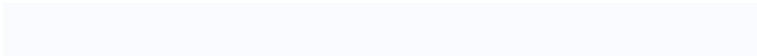
79, 5.913, 153.771

Sweetspot

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



79, 5.911, 283.759



99, 2.220, 283.319



82, 4.831, 185.396



53, 1.262, 283.312



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, 5.911, 283.759



94, 8.933, 283.968



79, 7.153, 303.386



40, 5.295, 284.123



22, 88.150, 303.600



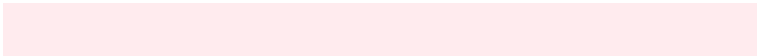
2, 21.025, 288.366

Inverse Universe

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



79, 4.948, 7.262



95, 7.498, 7.453



82, 7.058, 122.720



40, 4.452, 7.589



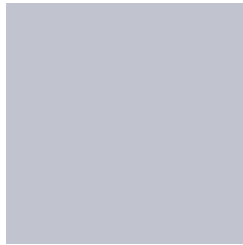
34, 69.084, 32.235



4, 18.099, 11.860

Previews

White Background



This preview shows how the CIELCh color 79, 5.913, 283.771 looks on a white background.

Color Contrast Check

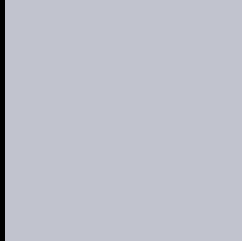
Large Text (above 18pt) WCAG AA × Fail

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, 5.913, 283.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

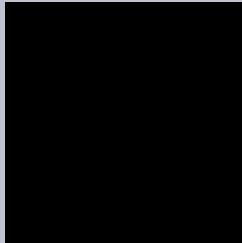
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

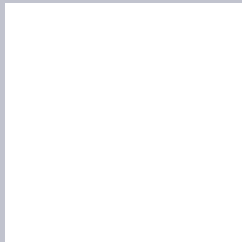
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.913, 283.771

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.913, 283.771.

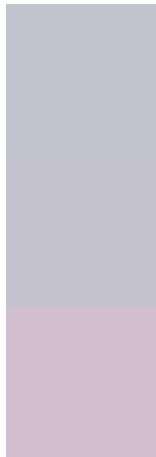


This preview shows how white text looks on a background with the CIELCh color 79, 5.913, 283.771.

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, 5.913, 283.771

Protanopia

79, 6.470, 297.134

Deuteranopia

79, 11.461, 327.932



Tritanopia
79, 8.018, 288.370

Trichromacy



Original Color
79, 5.913, 283.771

Protanomaly
79, 6.436, 293.960

Deuteranomaly
79, 8.997, 317.062

Tritanomaly
79, 7.485, 288.136

Monochromacy



Original Color
79, 5.913, 283.771

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.167, 280.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.913, 283.771 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(193, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 206)  
}
```

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(193, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.913, 283.771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

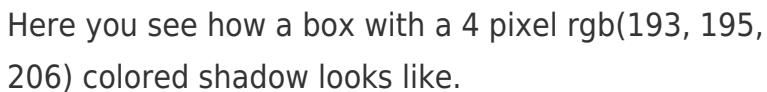
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 195, 206) }
```

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

```
.border{ border-color:rgb(193, 195, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 195, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 195, 206); box-shadow:4px 4px 4px 4px rgb(193, 195, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.913, 283.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 206) }
```

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

```
.background{ background-color: rgb(193,  
195, 206) }
```

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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