

Converting Colors

CIELCh(79, 9.080, 295.594)

Have a look what the booklet for
CIELCh(79, 9.080, 295.594) contains.

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Color

CIELCh(79, 9.130, 295.462)

Conversions

Conversions Part 1

Format	Color
Hex	C4C2D3
RGB	196, 194, 211
RGB Percent	77%, 76%, 83%
CMY	0.2320, 0.2398, 0.1731
CMYK	0.07, 0.08, 0.00, 0.17
HSL	247°, 16%, 79%
HSV	247°, 8%, 83%
XYZ	53.7235, 54.9284, 69.2996
YIQ	196.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

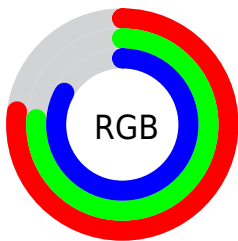
Format	Color
R _Y B	196, 194, 211
Decimal	12894931
CIE Lab	79.00, 3.93, -8.24
CIE LCh	79, 9.130, 295.462
Yxy	54.9284, 0.3019, 0.3087
Android (android.graphics.Color)	4291085011 (0xFFC4C2D3)
YUV	196.5360, 7.1308, -0.4701
Hunter-Lab	74.1137, -0.3079, -3.5592

Details

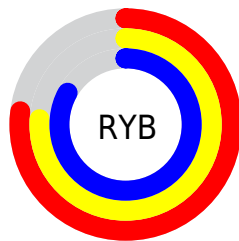
The CIELCh color `79, 9.130, 295.462` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 8.957, 114.160`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 2.776, 312.500`, and `59, 9.126, 295.912` is the 20% darker color. If you saturate the color by 10%, you get `72, 20.854, 296.400`, and if you desaturate by 10%, it is `86, 2.142, 114.634`.

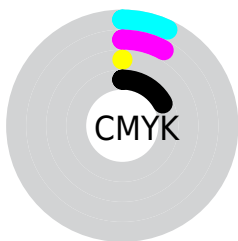
Distribution



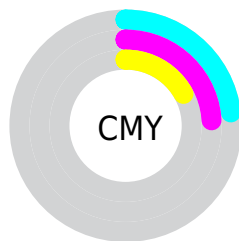
- Red (77%)
- Green (76%)
- Blue (83%)



- Red (77%)
- Yellow (76%)
- Blue (83%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.130, 295.462 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, 9.130, 295.462 by changing the saturation by 10% instead.

■ 79, 9.130, 295.462

■ 79, 9.130, 295.462

■ 100, 9.130,
295.462

■ 69, 9.130, 295.462

■ 99, 9.130, 295.462

■ 59, 9.130, 295.462

■ 49, 9.130, 295.462

■ 39, 9.130, 295.462

■ 29, 9.130, 295.462

■ 19, 9.130, 295.462

■ 9, 9.130, 295.462

■ 0, 9.130, 295.462

■ 79, 9.130, 295.462

■ 79, 9.130, 295.462

72, 20.854,
296.400

86, 2.142, 114.634

65, 33.061,
297.499

93, 12.985,
113.949

58, 45.759,
298.764

99, 22.347,
111.654

52, 58.909,
300.196

99, 22.302,
108.488

45, 72.360,
301.763

39, 85.715,
303.382

34, 98.117,
304.883

29, 108.114,
306.012

27, 114.267,

Harmonies

Complementary

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



79, 9.130, 295.462



84, 8.957, 114.160

Rectangle

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



79, 9.130, 295.462



79, 9.130, 345.462



79, 9.130, 115.462



79, 9.130, 165.462

Sweetspot

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



79, 9.128, 295.456



98, 2.620, 294.959



83, 5.410, 210.327



52, 1.490, 294.951



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, 9.128, 295.456



92, 13.265, 295.638



80, 9.869, 313.355



40, 6.398, 295.575



20, 97.328, 306.732



2, 25.663, 296.192

Inverse Universe

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



80, 10.141, 328.249



94, 14.699, 328.375



83, 9.777, 132.717



41, 7.097, 328.332



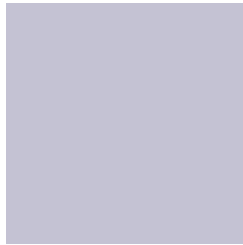
39, 77.260, 333.499



5, 28.429, 332.033

Previews

White Background



This preview shows how the CIELCh color 79, 9.130, 295.462 looks on a white background.

Color Contrast Check

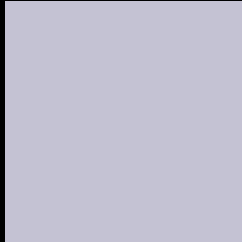
Large Text (above 18pt) WCAG AA × Fail

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, 9.130, 295.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

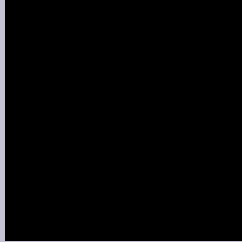
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 9.130, 295.462

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.130, 295.462.

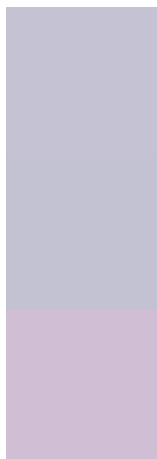


This preview shows how white text looks on a background with the CIELCh color 79, 9.130, 295.462.

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, 9.130, 295.462

Protanopia

79, 9.092, 291.004

Deuteranopia

79, 13.317, 318.423



Tritanopia
79, 8.065, 295.980

Trichromacy



Original Color
79, 9.130, 295.462

Protanomaly
79, 9.104, 293.235

Deuteranomaly
79, 12.082, 311.932

Tritanomaly
79, 8.597, 295.702

Monochromacy



Original Color
79, 9.130, 295.462

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.237, 296.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.130, 295.462 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(196, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 194, 211)  
}
```

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(196, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 194, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.130, 295.462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

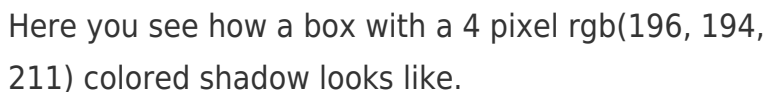
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 194, 211) }
```

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

```
.border{ border-color:rgb(196, 194, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 194, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 194, 211); box-shadow:4px 4px 4px 4px rgb(196, 194, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.130, 295.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 194, 211) }
```

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

```
.background{ background-color: rgb(196,  
194, 211) }
```

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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