

Converting Colors

CIELCh(78, 10.059, 310.681)

Have a look what the booklet for
CIELCh(78, 10.059, 310.681)
contains.

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Color

CIELCh(78, 10.350, 311.342)

Conversions

Conversions Part 1

Format	Color
Hex	C7BDCF
RGB	199, 189, 207
RGB Percent	78%, 74%, 81%
CMY	0.2185, 0.2577, 0.1871
CMYK	0.04, 0.09, 0.00, 0.19
HSL	273°, 16%, 78%
HSV	273°, 9%, 81%
XYZ	53.1801, 53.2120, 66.6786
YIQ	194.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

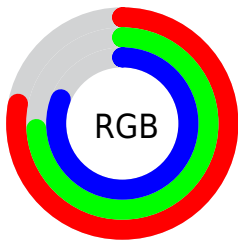
Format	Color
R _Y B	199, 189, 207
Decimal	13090255
CIE Lab	78.00, 6.84, -7.77
CIE LCh	78, 10.350, 311.342
Yxy	53.2120, 0.3073, 0.3075
Android (android.graphics.Color)	4291280335 (0xFFC7BDCF)
YUV	194.0420, 6.3883, 4.3482
Hunter-Lab	72.9466, 2.4750, -3.1329

Details

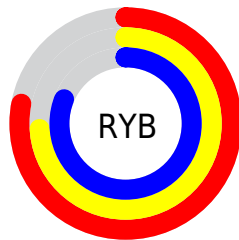
The CIELCh color **78, 10.350, 311.342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 10.231, 130.628**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 6.227, 324.609**, and **58, 10.310, 310.555** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.549, 311.804**, and if you desaturate by 10%, it is **84, 1.534, 131.022**.

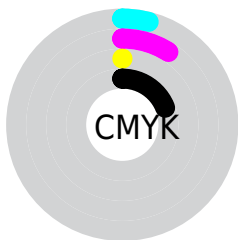
Distribution



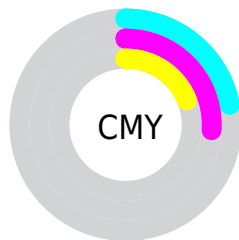
- Red (78%)
- Green (74%)
- Blue (81%)



- Red (78%)
- Yellow (74%)
- Blue (81%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)





- Cyan (22%)
- Magenta (26%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 10.350, 311.342 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 78, 10.350, 311.342 by changing the saturation by 10% instead.


 78, 10.350,
311.342


 78, 10.350,
311.342


 100, 10.350,
311.342


 68, 10.350,
311.342


 98, 10.350,
311.342

 58, 10.350,
311.342

 48, 10.350,
311.342

 38, 10.350,
311.342

 28, 10.350,
311.342

 18, 10.350,
311.342

 8, 10.350, 311.342

0, 10.350, 311.342

78, 10.350,
311.342

78, 10.350,
311.342

72, 22.549,
311.804

84, 1.534, 131.022

66, 35.011,
312.289

90, 13.071,
130.557

60, 47.621,
312.782

96, 24.257,
130.208

55, 60.175,
313.257

98, 25.174,
124.385

49, 72.339,
313.671

98, 24.397,
116.797

45, 83.601,
313.961

99, 24.094,
108.741

■ 40, 93.258,
314.041

■ 99, 24.093,
108.351

■ 37, 100.517,
313.811

■ 35, 105.021,
313.225

Harmonies

Complementary

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



78, 10.350, 311.342



82, 10.231, 130.628

Rectangle

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



78, 10.350, 311.342



78, 10.350, 1.342



78, 10.350, 131.342



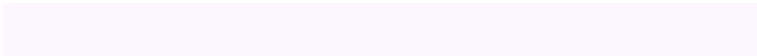
78, 10.350, 181.342

Sweetspot

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



78, 10.348, 311.340



98, 4.203, 311.071



79, 5.968, 261.836



52, 3.188, 311.113



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 10.348, 311.340



93, 14.123, 311.405



79, 11.296, 326.269



41, 6.815, 311.373



27, 90.268, 313.311



3, 27.089, 309.680

Inverse Universe

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



78, 7.937, 347.457



93, 10.834, 347.597



81, 11.276, 145.317



41, 5.228, 347.528



36, 61.846, 6.973



5, 21.314, 357.447

Previews

White Background



This preview shows how the CIELCh color 78, 10.350, 311.342 looks on a white background.

Color Contrast Check

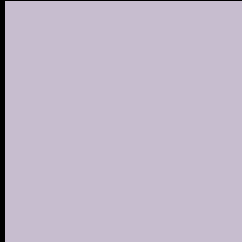
Large Text (above 18pt) WCAG AA × Fail

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 78, 10.350, 311.342 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

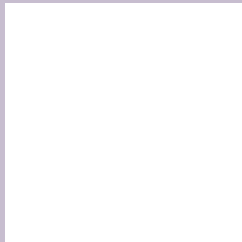
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.350, 311.342

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.350, 311.342.



This preview shows how white text looks on a background with the CIELCh color 78, 10.350, 311.342.

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

78, 10.350, 311.342

Protanopia

78, 9.109, 291.012

Deuteranopia

78, 13.061, 320.942



Tritanopia
78, 8.714, 312.769

Trichromacy



Original Color
78, 10.350, 311.342

Protanomaly
78, 9.247, 299.885

Deuteranomaly
78, 12.067, 317.687

Tritanomaly
78, 9.212, 311.534

Monochromacy



Original Color
78, 10.350, 311.342

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.046, 311.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.350, 311.342 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, 189, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 207)  
}
```

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, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.350, 311.342 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, 189, 207) }
```

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

```
.border{ border-color:rgb(199, 189, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 189, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 189, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 189, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 189,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.350, 311.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 207) }
```

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

```
.background{ background-color: rgb(199,  
189, 207) }
```

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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