

Converting Colors

CIELCh(78, 7.221, 305.204)

Have a look what the booklet for
CIELCh(78, 7.221, 305.204) contains.

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Color

CIELCh(78, 7.225, 305.252)

Conversions

Conversions Part 1	
Format	Color
Hex	C4BFCC
RGB	196, 191, 204
RGB Percent	77%, 75%, 80%
CMY	0.2323, 0.2519, 0.2009
CMYK	0.04, 0.06, 0.00, 0.20
HSL	263°, 11%, 77%
HSV	263°, 6%, 80%
XYZ	52.1542, 53.2120, 64.4997
YIQ	193.9770, -1.1930, 5.1030

Conversions

Conversions Part 2

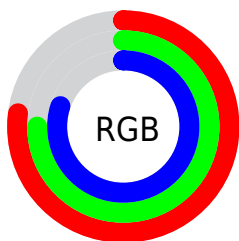
Format	Color
RYB	196, 191, 204
Decimal	12894156
CIELab	78.00, 4.17, -5.90
CIELCh	78, 7.225, 305.252
Yxy	53.2120, 0.3070, 0.3133
Android (android.graphics.Color)	4291084236 (0xFFC4BFCC)
YUV	193.9770, 4.9413, 1.7742
Hunter-Lab	72.9466, -0.0354, -1.3619

Details

The CIELCh color **78, 7.225, 305.252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 7.132, 124.630**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 4.619, 317.378**, and **58, 7.019, 303.474** is the 20% darker color. If you saturate the color by 10%, you get **72, 18.846, 305.811**, and if you desaturate by 10%, it is **84, 4.020, 124.783**.

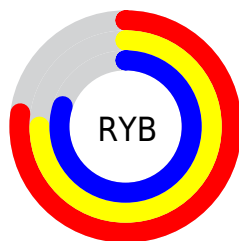
Distribution



Red (77%)

Green (75%)

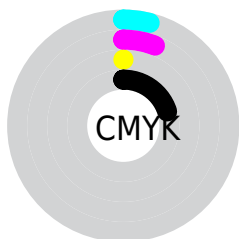
Blue (80%)



Red (77%)

Yellow (75%)

Blue (80%)

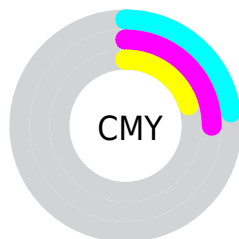


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (20%)



Cyan (23%)

Magenta (25%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.225, 305.252 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, 7.225, 305.252 by changing the saturation by 10% instead.

 78, 7.225, 305.252

 78, 7.225, 305.252

 100, 7.225,
305.252

 68, 7.225, 305.252

 98, 7.225, 305.252

 58, 7.225, 305.252

 48, 7.225, 305.252

 38, 7.225, 305.252

 28, 7.225, 305.252

 18, 7.225, 305.252

 8, 7.225, 305.252

 0, 7.225, 305.252

 78, 7.225, 305.252

 78, 7.225, 305.252

72, 18.846,
305.811

84, 4.020, 124.783

66, 30.835,
306.434

90, 14.888,
124.334

59, 43.146,
307.111

97, 25.395,
123.953

53, 55.668,
307.826

98, 26.109,
115.659

48, 68.183,
308.544

99, 25.853,
108.216

42, 80.286,
309.202

37, 91.308,
309.697

33, 100.296,
309.892

30, 106.288,

309.646

Harmonies

Complementary

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



78, 7.225, 305.252



81, 7.132, 124.630

Rectangle

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



78, 7.225, 305.252



78, 7.225, 355.252



78, 7.225, 125.252



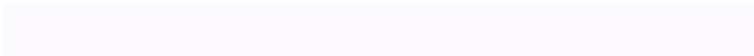
78, 7.225, 175.252

Sweetspot

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



78, 7.223, 305.247



99, 2.706, 305.000



80, 3.879, 242.642



53, 1.538, 304.993



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, 7.223, 305.247



94, 10.899, 305.341



79, 8.153, 321.516



40, 6.461, 305.412



23, 92.507, 309.680



2, 24.099, 302.651

Inverse Universe

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



79, 6.443, 338.326



95, 9.713, 338.468



81, 8.123, 140.957



40, 5.753, 338.573



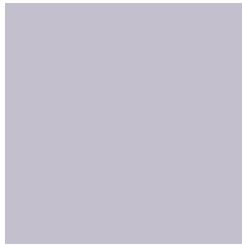
36, 63.852, 351.312



4, 21.340, 346.131

Previews

White Background



This preview shows how the CIELCh color 78, 7.225, 305.252 looks on a white background.

Color Contrast Check

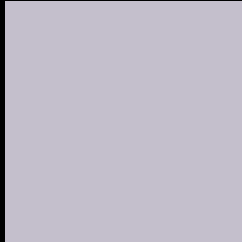
Large Text (above 18pt) WCAG AA × Fail

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, 7.225, 305.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

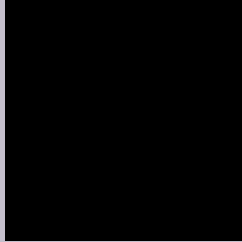
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

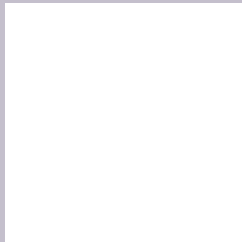
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.225, 305.252

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.225, 305.252.

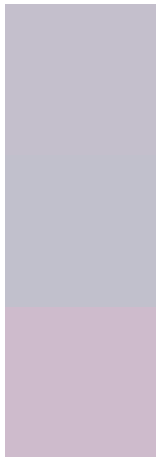


This preview shows how white text looks on a background with the CIELCh color 78, 7.225, 305.252.

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, 7.225, 305.252

Protanopia

78, 6.448, 293.965

Deuteranopia

78, 11.493, 327.939



Tritanopia
78, 8.881, 304.982

Trichromacy



Original Color
78, 7.225, 305.252

Protanomaly
78, 6.483, 297.138

Deuteranomaly
78, 10.023, 321.351

Tritanomaly
78, 8.363, 305.856

Monochromacy



Original Color
78, 7.225, 305.252

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.790, 305.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.225, 305.252 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, 191, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 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(196, 191, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.225, 305.252 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, 191, 204) }
```

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

```
.border{ border-color:rgb(196, 191, 204) }
```

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

Here you see how a box with a 4 pixel rgb(196, 191, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.225, 305.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 204) }
```

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

```
.background{ background-color: rgb(196,  
191, 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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