

Converting Colors

CIELCh(78, 16.631, 305.034)

Have a look what the booklet for
CIELCh(78, 16.631, 305.034)
contains.

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Color

CIELCh(78, 16.615, 305.030)

Conversions

Conversions Part 1

Format	Color
Hex	C7BCDA
RGB	199, 188, 218
RGB Percent	78%, 74%, 85%
CMY	0.2193, 0.2625, 0.1448
CMYK	0.09, 0.14, 0.00, 0.14
HSL	262°, 29%, 80%
HSV	262°, 14%, 86%
XYZ	54.2326, 53.2120, 73.7894
YIQ	194.7090, -3.0740, 11.6620

Conversions

Conversions Part 2

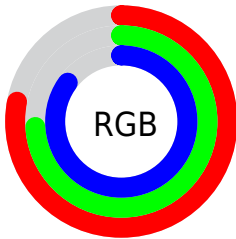
Format	Color
R_{YB}	199, 188, 218
Decimal	13090010
CIE _{Lab}	78.00, 9.54, -13.61
CIE _{LCh}	78, 16.615, 305.030
Yxy	53.2120, 0.2992, 0.2936
Android (android.graphics.Color)	4291280090 (0xFFC7BCDA)
YUV	194.7090, 11.4825, 3.7632
Hunter-Lab	72.9466, 5.0505, -8.9125

Details

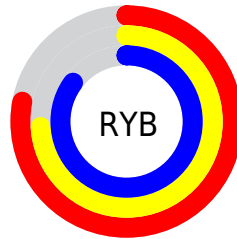
The CIELCh color $78, 16.615, 305.030$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 16.216, 123.572$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 6.851, 324.635$, and $58, 16.430, 304.881$ is the 20% darker color. If you saturate the color by 10%, you get $71, 29.162, 305.658$, and if you desaturate by 10%, it is $85, 4.467, 304.456$.

Distribution



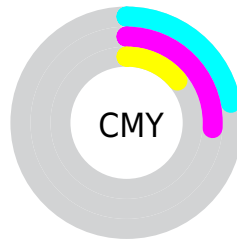
- Red (78%)
- Green (74%)
- Blue (85%)



- Red (78%)
- Yellow (74%)
- Blue (85%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)





- Cyan (22%)
- Magenta (26%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 16.615, 305.030 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, 16.615, 305.030 by changing the saturation by 10% instead.


 78, 16.615,
305.030


 78, 16.615,
305.030


 100, 16.615,
305.030


 68, 16.615,
305.030


 98, 16.615,
305.030

 58, 16.615,
305.030

 48, 16.615,
305.030

 38, 16.615,
305.030

 28, 16.615,
305.030

 18, 16.615,
305.030

 8, 16.615, 305.030

0, 16.615, 305.030

78, 16.615,
305.030

78, 16.615,
305.030

71, 29.162,
305.658

85, 4.467, 304.456

91, 7.271, 123.991

65, 42.082,
306.351

98, 18.612,
123.554

58, 55.282,
307.094

99, 18.676,
109.536

52, 68.572,
307.858

99, 18.672,
108.765

46, 81.585,
308.586

41, 93.681,
309.183

■ 36,103.891,
309.514

■ 33,111.081,
309.418

■ 31,114.143,
309.187

Harmonies

Complementary

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



78, 16.615, 305.030



86, 16.216, 123.572

Rectangle

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



78, 16.615, 305.030



78, 16.615, 355.030



78, 16.615, 125.030



78, 16.615, 175.030

Sweetspot

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



78, 16.613, 305.028



97, 5.402, 304.472



82, 8.652, 239.198



51, 3.843, 304.515



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, 16.613, 305.028



87, 23.439, 305.234



79, 18.506, 320.908



43, 6.839, 304.776



24, 96.018, 309.346



3, 30.444, 304.484

Inverse Universe

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



79, 14.970, 338.107



89, 21.053, 338.380



85, 18.407, 139.605



43, 6.184, 337.763



38, 66.566, 349.946



6, 26.860, 345.264

Previews

White Background



This preview shows how the CIELCh color 78, 16.615, 305.030 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, 16.615, 305.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

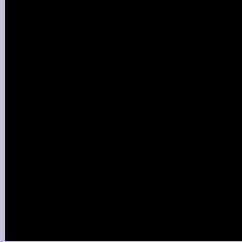
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 16.615, 305.030

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.615, 305.030.



This preview shows how white text looks on a background with the CIELCh color 78, 16.615, 305.030.

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, 16.615, 305.030

Protanopia

78, 15.560, 287.786

Deuteranopia

78, 16.702, 306.211



Tritanopia
78, 8.466, 308.217

Trichromacy



Original Color
78, 16.615, 305.030

Protanomaly
78, 15.584, 294.139

Deuteranomaly
78, 16.702, 306.211

Tritanomaly
78, 11.762, 307.014

Monochromacy



Original Color
78, 16.615, 305.030

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 6.090, 304.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.615, 305.030 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, 188, 218)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 218)  
}
```

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, 188, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.615, 305.030 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, 188, 218) }
```

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

```
.border{ border-color:rgb(199, 188, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 218);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.615, 305.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 218) }
```

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

```
.background{ background-color: rgb(199,  
188, 218) }
```

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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