

Converting Colors

CIELCh(78, 30.818, 312.853)

Have a look what the booklet for
CIELCh(78, 30.818, 312.853)
contains.

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Color

CIELCh(78, 30.981, 312.634)

Conversions

Conversions Part 1

Format	Color
Hex	D4B5EB
RGB	212, 181, 235
RGB Percent	83%, 71%, 92%
CMY	0.1675, 0.2891, 0.0773
CMYK	0.10, 0.23, 0.00, 0.08
HSL	274°, 58%, 82%
HSV	274°, 23%, 92%
XYZ	58.8484, 53.2120, 85.9824
YIQ	196.4250, 1.1420, 23.3660

Conversions

Conversions Part 2

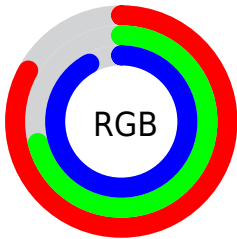
Format	Color
R _Y B	212, 181, 235
Decimal	13940203
CIE Lab	78.00, 20.98, -22.79
CIE LCh	78, 30.981, 312.634
Yxy	53.2120, 0.2971, 0.2687
Android (android.graphics.Color)	4292130283 (0xFFD4B5EB)
YUV	196.4250, 19.0175, 13.6593
Hunter-Lab	72.9466, 16.3455, -18.8228

Details

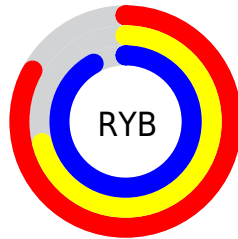
The CIELCh color $78, 30.981, 312.634$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $90, 30.175, 130.587$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 11.228, 324.804$, and $58, 30.921, 312.697$ is the 20% darker color. If you saturate the color by 10%, you get $72, 44.910, 313.117$, and if you desaturate by 10%, it is $85, 17.275, 312.164$.

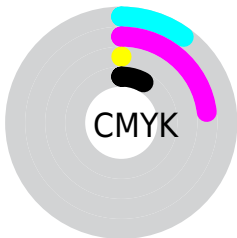
Distribution



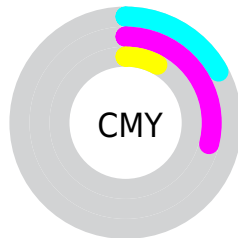
- Red (83%)
- Green (71%)
- Blue (92%)



- Red (83%)
- Yellow (71%)
- Blue (92%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)





- Cyan (17%)
- Magenta (29%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 30.981, 312.634 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, 30.981, 312.634 by changing the saturation by 10% instead.


 78, 30.981,
312.634


 78, 30.981,
312.634


 100, 30.981,
312.634


 68, 30.981,
312.634


 98, 30.981,
312.634

 58, 30.981,
312.634

 48, 30.981,
312.634

 38, 30.981,
312.634

 28, 30.981,
312.634

 18, 30.981,
312.634

 8, 30.981, 312.634

■ 0, 30.981, 312.634

■ 78, 30.981,
312.634

■ 78, 30.981,
312.634

■ 72, 44.910,
313.117

■ 85, 17.275,
312.164

■ 65, 58.892,
313.594

■ 91, 3.895, 311.696

■ 59, 72.628,
314.032

■ 98, 9.116, 131.355

■ 54, 85.646,
314.377

■ 99, 10.035,
114.826

■ 49, 97.263,
314.555

■ 100, 9.979,
109.422

■ 45, 106.631,
314.475

■ 41, 112.954,
314.040

■ 40, 115.722,
313.543

Harmonies

Complementary

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



78, 30.981, 312.634



90, 30.175, 130.587

Rectangle

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



78, 30.981, 312.634



78, 30.981, 2.634



78, 30.981, 132.634



78, 30.981, 182.634

Sweetspot

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



78, 30.979, 312.634



95, 9.889, 311.894



82, 17.765, 265.756



50, 6.431, 311.922



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, 30.979, 312.634



80, 40.553, 312.882



80, 32.878, 327.588



46, 7.524, 312.005



30, 94.956, 313.730



5, 38.036, 314.114

Inverse Universe

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



79, 23.409, 350.061



82, 30.619, 350.666



88, 32.844, 144.735



46, 5.681, 348.646



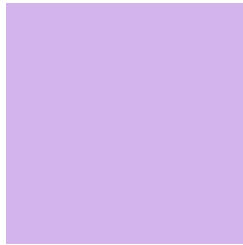
38, 65.351, 9.072



8, 28.072, 0.953

Previews

White Background



This preview shows how the CIELCh color 78, 30.981, 312.634 looks on a white background.

Color Contrast Check

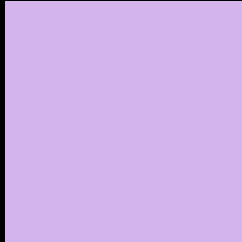
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 30.981, 312.634 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, 30.981, 312.634

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.981, 312.634.



This preview shows how white text looks on a background with the CIELCh color 78, 30.981, 312.634.

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, 30.981, 312.634

Protanopia

78, 27.420, 285.854

Deuteranopia

78, 24.159, 293.928



Tritanopia
78, 10.915, 332.936

Trichromacy



Original Color
78, 30.981, 312.634

Protanomaly
78, 28.535, 296.030

Deuteranomaly
78, 26.221, 302.095

Tritanomaly
78, 17.838, 320.230

Monochromacy



Original Color
78, 30.981, 312.634

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.586, 312.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.981, 312.634 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(212, 181, 235)` looks like.

```
.text, #text, p{  
    color:rgb(212, 181, 235)  
}
```

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(212, 181, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 181, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.981, 312.634 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(212, 181, 235) }
```

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

```
.border{ border-color:rgb(212, 181, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 181, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 181, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 181, 235);  
box-shadow:4px 4px 4px 4px rgb(212, 181,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.981, 312.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 181, 235) }
```

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

```
.background{ background-color: rgb(212,  
181, 235) }
```

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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