

Converting Colors

CIELCh(78, 30.079, 319.090)

Have a look what the booklet for
CIELCh(78, 30.079, 319.090)
contains.

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Color

CIELCh(78, 30.129, 319.162)

Conversions

Conversions Part 1

Format	Color
Hex	DBB4E6
RGB	219, 180, 230
RGB Percent	86%, 71%, 90%
CMY	0.1425, 0.2954, 0.0994
CMYK	0.05, 0.22, 0.00, 0.10
HSL	287°, 50%, 80%
HSV	287°, 22%, 90%
XYZ	59.6017, 53.2120, 81.7417
YIQ	197.3610, 7.1940, 23.8180

Conversions

Conversions Part 2

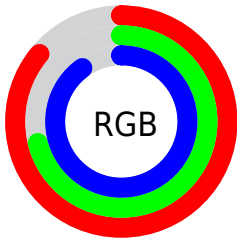
Format	Color
R _Y B	219, 180, 230
Decimal	14398694
CIE Lab	78.00, 22.79, -19.70
CIE LCh	78, 30.129, 319.162
Yxy	53.2120, 0.3063, 0.2735
Android (android.graphics.Color)	4292588774 (0xFFDDBB4E6)
YUV	197.3610, 16.0910, 18.9774
Hunter-Lab	72.9466, 18.1888, -15.3760

Details

The CIELCh color `78, 30.129, 319.162` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `87, 29.784, 137.139`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `95, 11.855, 324.828`, and `58, 29.960, 319.598` is the 20% darker color. If you saturate the color by 10%, you get `72, 44.139, 319.603`, and if you desaturate by 10%, it is `84, 16.162, 318.710`.

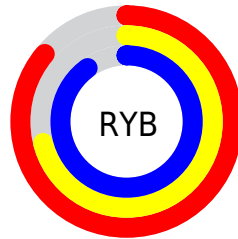
Distribution



Red (86%)

Green (71%)

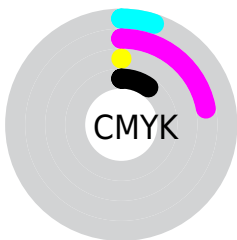
Blue (90%)



Red (86%)

Yellow (71%)

Blue (90%)

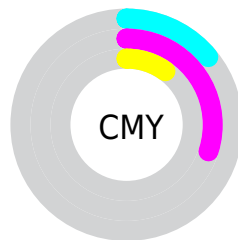


Cyan (5%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (14%)


Magenta (30%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 30.129, 319.162 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, 30.129, 319.162 by changing the saturation by 10% instead.


 78, 30.129,
319.162


 78, 30.129,
319.162


 100, 30.129,
319.162


 68, 30.129,
319.162


 98, 30.129,
319.162

 58, 30.129,
319.162

 48, 30.129,
319.162

 38, 30.129,
319.162

 28, 30.129,
319.162

 18, 30.129,
319.162

 8, 30.129, 319.162

0, 30.129, 319.162

78, 30.129,
319.162

78, 30.129,
319.162

72, 44.139,
319.603

84, 16.162,
318.710

67, 57.946,
320.015

90, 2.407, 318.192

61, 71.173,
320.367

96, 11.045,
137.887

57, 83.304,
320.623

98, 14.151,
133.273

53, 93.705,
320.735

99, 13.484,
126.372

50, 101.717,
320.652

99, 13.034,
118.799

■ 47,106.862,
320.331

■ 99,12.833,
110.769

■ 46,109.189,
319.902

■ 99,12.824,
109.208

Harmonies

Complementary

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



78, 30.129, 319.162



87, 29.784, 137.139

Rectangle

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



78, 30.129, 319.162



78, 30.129, 9.162



78, 30.129, 139.162



78, 30.129, 189.162

Sweetspot

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



78, 30.127, 319.162



95, 10.425, 318.492



78, 20.802, 281.294



50, 6.777, 318.520



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, 30.127, 319.162



83, 39.267, 319.357



79, 26.602, 334.450



45, 7.783, 318.604



35, 90.377, 320.027



6, 37.045, 320.883

Inverse Universe

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



78, 19.807, 3.993



83, 26.007, 4.569



87, 26.418, 151.351



45, 5.015, 2.567



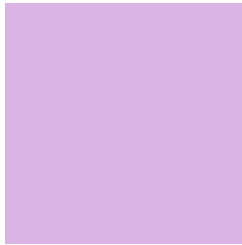
37, 70.111, 27.758



7, 26.652, 12.535

Previews

White Background



This preview shows how the CIELCh color 78, 30.129, 319.162 looks on a white background.

Color Contrast Check

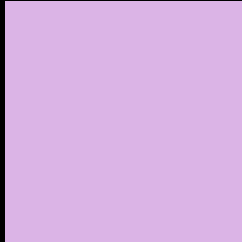
Large Text (above 18pt) WCAG AA × Fail

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, 30.129, 319.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

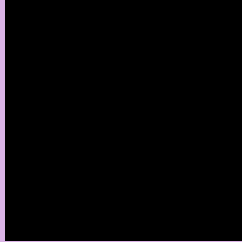
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 30.129, 319.162

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.129, 319.162.

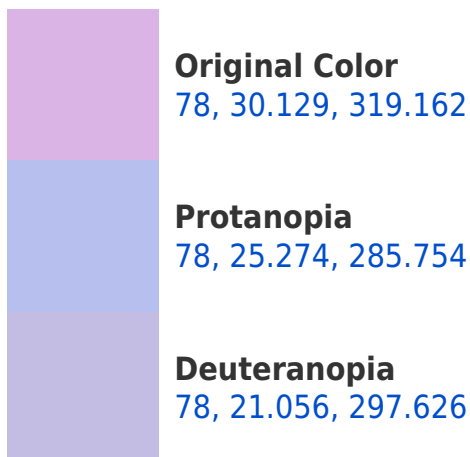



This preview shows how white text looks on a background with the CIELCh color 78, 30.129, 319.162.

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





Tritanopia
78, 13.409, 343.839

Trichromacy



Original Color
78, 30.129, 319.162

Protanomaly
78, 25.960, 298.403

Deuteranomaly
78, 23.979, 307.150

Tritanomaly
78, 19.218, 329.796

Monochromacy



Original Color
78, 30.129, 319.162

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.923, 318.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.129, 319.162 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(219, 180, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 180, 230)  
}
```

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(219, 180, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 180, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.129, 319.162 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(219, 180, 230) }
```

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

```
.border{ border-color:rgb(219, 180, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 180, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 180, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 180, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 180,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.129, 319.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 180, 230) }
```

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

```
.background{ background-color: rgb(219,  
180, 230) }
```

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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