

Converting Colors

CIELCh(75, 40.101, 314.525)

Have a look what the booklet for
CIELCh(75, 40.101, 314.525)
contains.

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Color

CIELCh(75, 40.101, 314.522)

Conversions

Conversions Part 1

Format	Color
Hex	D4A9EE
RGB	212, 169, 238
RGB Percent	83%, 66%, 93%
CMY	0.1705, 0.3390, 0.0686
CMYK	0.11, 0.29, 0.00, 0.07
HSL	277°, 66%, 80%
HSV	277°, 29%, 93%
XYZ	56.4795, 48.2781, 86.8593
YIQ	189.7230, 3.4790, 30.5750

Conversions

Conversions Part 2

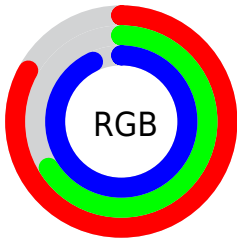
Format	Color
R _Y B	212, 169, 238
Decimal	13937134
CIE Lab	75.00, 28.12, -28.59
CIE LCh	75, 40.101, 314.522
Yxy	48.2781, 0.2948, 0.2520
Android (android.graphics.Color)	4292127214 (0xFFD4A9EE)
YUV	189.7230, 23.8006, 19.5369
Hunter-Lab	69.4824, 23.5013, -25.4801

Details

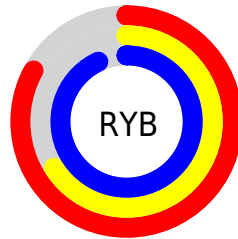
The CIELCh color **75, 40.101, 314.522** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90, 38.954, 131.914**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.763, 325.076**, and **55, 40.501, 314.763** is the 20% darker color. If you saturate the color by 10%, you get **69, 54.228, 314.976**, and if you desaturate by 10%, it is **81, 26.043, 314.063**.

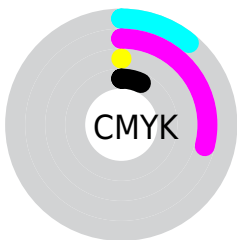
Distribution



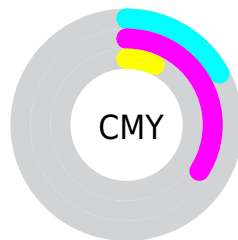
- Red (83%)
- Green (66%)
- Blue (93%)



- Red (83%)
- Yellow (66%)
- Blue (93%)



- Cyan (11%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)





- Cyan (17%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 40.101, 314.522 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 75, 40.101, 314.522 by changing the saturation by 10% instead.


 75, 40.101,
314.522


 75, 40.101,
314.522


 100, 40.101,
314.522


 65, 40.101,
314.522


 95, 40.101,
314.522

 55, 40.101,
314.522

 45, 40.101,
314.522

 35, 40.101,
314.522

 25, 40.101,
314.522

 15, 40.101,
314.522

 5, 40.101, 314.522

0, 40.101, 314.522

75, 40.101,
314.522

75, 40.101,
314.522

69, 54.228,
314.976

81, 26.043,
314.063

63, 68.160,
315.395

88, 12.222,
313.614

57, 81.469,
315.737

95, 1.273, 133.353

99, 9.299, 126.588

52, 93.541,
315.940

100, 8.849,
109.506

48, 103.595,
315.926

44, 110.837,
315.608

■ 42, 115.004,
314.952

■ 42, 115.344,
314.885

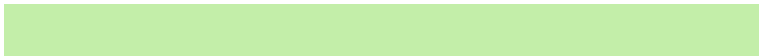
Harmonies

Complementary

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



75, 40.101, 314.522



90, 38.954, 131.914

Rectangle

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



75, 40.101, 314.522



75, 40.101, 4.522



75, 40.101, 134.522



75, 40.101, 184.522

Sweetspot

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



75, 40.099, 314.522



94, 12.893, 313.613



78, 24.001, 271.507



49, 8.975, 313.679



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 40.099, 314.522



76, 51.410, 314.801



77, 40.457, 329.507



47, 7.746, 313.633



32, 94.979, 315.059



6, 40.010, 316.024

Inverse Universe

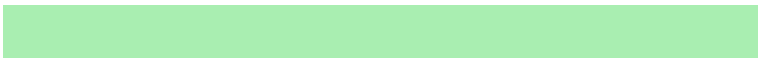
The Inverse Universe completely reimagines the original color for something new.



76, 29.253, 353.921



78, 37.520, 354.754



88, 40.399, 145.669



47, 5.614, 351.684



39, 66.588, 13.879



8, 28.788, 5.179

Previews

White Background



This preview shows how the CIELCh color 75, 40.101, 314.522 looks on a white background.

Color Contrast Check

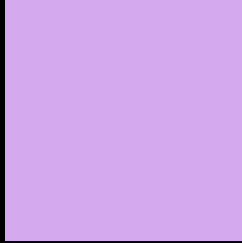
Large Text (above 18pt) WCAG AA × Fail

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 75, 40.101, 314.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

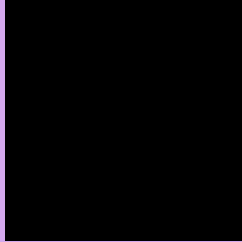
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 40.101, 314.522

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.101, 314.522.




This preview shows how white text looks on a background with the CIELCh color 75, 40.101, 314.522.

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
75, 12.602, 343.738

Trichromacy



Original Color
75, 40.101, 314.522

Protanomaly
75, 35.768, 295.996

Deuteranomaly
75, 32.906, 301.199

Tritanomaly
75, 21.944, 324.507

Monochromacy



Original Color
75, 40.101, 314.522

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 14.581, 312.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.101, 314.522 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, 169, 238)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 238)  
}
```

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, 169, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.101, 314.522 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, 169, 238) }
```

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

```
.border{ border-color:rgb(212, 169, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 238);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.101, 314.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 238) }
```

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

```
.background{ background-color: rgb(212,  
169, 238) }
```

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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