

Converting Colors

CIELCh(75, 40.202, 319.717)

Have a look what the booklet for
CIELCh(75, 40.202, 319.717)
contains.

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Color

CIELCh(75, 40.506, 319.815)

Conversions

Conversions Part 1

Format	Color
Hex	DBA6E9
RGB	219, 166, 233
RGB Percent	86%, 65%, 91%
CMY	0.1407, 0.3486, 0.0858
CMYK	0.06, 0.29, 0.00, 0.09
HSL	287°, 60%, 78%
HSV	287°, 29%, 91%
XYZ	57.6267, 48.2781, 83.4566
YIQ	189.4850, 10.0810, 32.0730

Conversions

Conversions Part 2

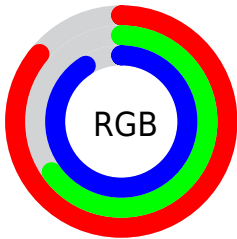
Format	Color
R_{YB}	219, 166, 233
Decimal	14395113
CIE _{Lab}	75.00, 30.95, -26.14
CIE _{LCh}	75, 40.506, 319.815
Yxy	48.2781, 0.3043, 0.2550
Android (android.graphics.Color)	4292585193 (0xFFDBA6E9)
YUV	189.4850, 21.4529, 25.8847
Hunter-Lab	69.4824, 26.4484, -22.5766

Details

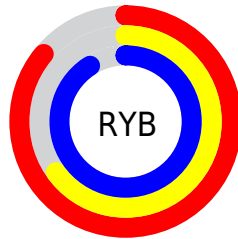
The CIELCh color $75, 40.506, 319.815$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $87, 39.946, 137.044$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.651, 325.143$, and $55, 40.674, 319.803$ is the 20% darker color. If you saturate the color by 10%, you get $69, 54.588, 320.240$, and if you desaturate by 10%, it is $81, 26.285, 319.367$.

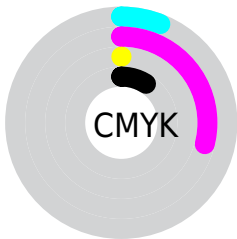
Distribution



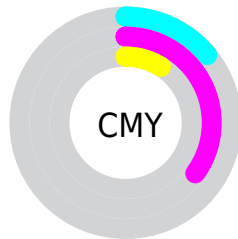
- Red (86%)
- Green (65%)
- Blue (91%)



- Red (86%)
- Yellow (65%)
- Blue (91%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)





- Cyan (14%)
- Magenta (35%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 40.506, 319.815 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, 40.506, 319.815 by changing the saturation by 10% instead.


 75, 40.506,
319.815


 75, 40.506,
319.815


 100, 40.506,
319.815


 65, 40.506,
319.815


 95, 40.506,
319.815

 55, 40.506,
319.815

 45, 40.506,
319.815

 35, 40.506,
319.815

 25, 40.506,
319.815

 15, 40.506,
319.815

 5, 40.506, 319.815

■ 0, 40.506, 319.815

■ 75, 40.506,
319.815

■ 75, 40.506,
319.815

■ 69, 54.588,
320.240

■ 81, 26.285,
319.367

■ 64, 68.193,
320.615

■ 87, 12.163,
318.909

■ 59, 80.833,
320.905

■ 93, 1.719, 138.625

■ 55, 91.896,
321.068

■ 98, 12.611,
136.915

■ 51, 100.713,
321.054

■ 99, 11.880,
129.641

■ 49, 106.730,
320.818

■ 99, 11.365,
121.482

■ 47, 109.917,
320.349

■ 99, 11.104,
112.670

■ 47, 110.237,
320.284

■ 99, 11.078,
109.340

Harmonies

Complementary

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



75, 40.506, 319.815



87, 39.946, 137.044

Rectangle

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



75, 40.506, 319.815



75, 40.506, 9.815



75, 40.506, 139.815



75, 40.506, 189.815

Sweetspot

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



75, 40.504, 319.815



94, 13.469, 318.923



74, 28.647, 283.485



49, 9.372, 318.990



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, 40.504, 319.815



78, 51.563, 320.050



76, 35.165, 335.661



46, 7.949, 318.942



36, 91.183, 320.402



7, 38.626, 321.367

Inverse Universe

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



75, 26.804, 5.763



78, 34.462, 6.584



87, 34.842, 151.328



46, 5.085, 3.400



38, 71.391, 28.685



7, 27.891, 14.046

Previews

White Background



This preview shows how the CIELCh color 75, 40.506, 319.815 looks on a white background.

Color Contrast Check

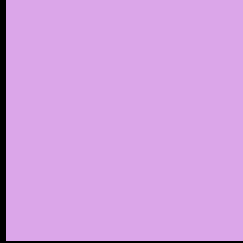
Large Text (above 18pt) WCAG AA × Fail

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, 40.506, 319.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

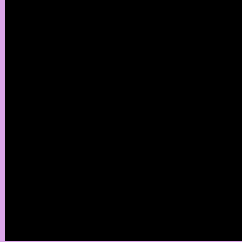
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 40.506, 319.815

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.506, 319.815.

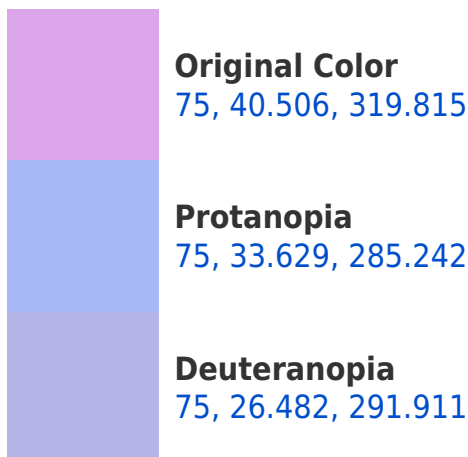


This preview shows how white text looks on a background with the CIELCh color 75, 40.506, 319.815.

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, 15.932, 354.849

Trichromacy



Original Color
75, 40.506, 319.815



Protanomaly
75, 34.851, 298.668



Deuteranomaly
75, 30.484, 304.310



Tritanomaly
75, 23.335, 333.886

Monochromacy



Original Color
75, 40.506, 319.815



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 15.352, 319.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.506, 319.815 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, 166, 233)` looks like.

```
.text, #text, p{  
    color:rgb(219, 166, 233)  
}
```

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, 166, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 166, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.506, 319.815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

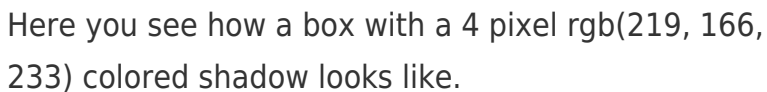
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 166, 233) }
```

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

```
.border{ border-color:rgb(219, 166, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 166, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 166, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 166, 233); box-shadow:4px 4px 4px 4px rgb(219, 166, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.506, 319.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 166, 233) }
```

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

```
.background{ background-color: rgb(219,  
166, 233) }
```

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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