

Converting Colors

CIELCh(73, 39.961, 325.957)

Have a look what the booklet for
CIELCh(73, 39.961, 325.957)
contains.

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Color

CIELCh(73, 39.915, 325.965)

Conversions

Conversions Part 1

Format	Color
Hex	DD9FDD
RGB	221, 159, 221
RGB Percent	87%, 62%, 87%
CMY	0.1350, 0.3780, 0.1350
CMYK	0.00, 0.28, 0.00, 0.13
HSL	300°, 47%, 74%
HSV	300°, 28%, 87%
XYZ	55.0165, 45.1644, 73.9338
YIQ	184.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

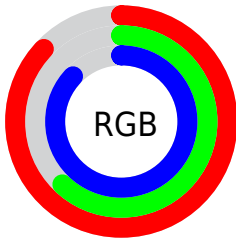
Format	Color
R _Y B	221, 159, 221
Decimal	14524381
CIE Lab	73.00, 33.08, -22.34
CIE LCh	73, 39.915, 325.965
Yxy	45.1644, 0.3160, 0.2594
Android (android.graphics.Color)	4292714461 (0xFFDD9FDD)
YUV	184.6060, 17.9422, 31.9175
Hunter-Lab	67.2044, 28.5201, -18.1837

Details

The CIELCh color $73, 39.915, 325.965$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 39.911, 142.503$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.689, 325.319$, and $53, 39.736, 325.830$ is the 20% darker color. If you saturate the color by 10%, you get $68, 53.732, 326.482$, and if you desaturate by 10%, it is $78, 25.718, 325.422$.

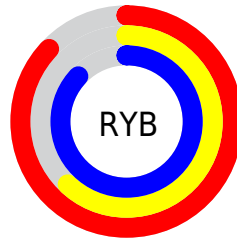
Distribution



Red (87%)

Green (62%)

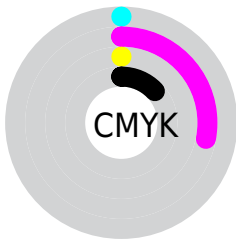
Blue (87%)



Red (87%)

Yellow (62%)

Blue (87%)

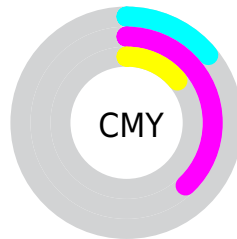


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (13%)



Cyan (14%)


Magenta (38%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 39.915, 325.965 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 73, 39.915, 325.965 by changing the saturation by 10% instead.


 73, 39.915,
325.965


 73, 39.915,
325.965


 100, 39.915,
325.965


 63, 39.915,
325.965


 93, 39.915,
325.965


 53, 39.915,
325.965

 43, 39.915,
325.965

 33, 39.915,
325.965

 23, 39.915,
325.965

 13, 39.915,
325.965

 3, 39.915, 325.965

0, 39.915, 325.965

73, 39.915,
325.965

73, 39.915,
325.965

68, 53.732,
326.482

78, 25.718,
325.422

64, 66.762,
326.958

83, 11.456,
324.860

60, 78.494,
327.376

89, 2.659, 144.443

57, 88.375,
327.719

95, 16.492,
143.820

55, 95.911,
327.975

97, 21.519,
143.622

53, 100.816,
328.139

97, 21.518,
143.622

■ 53,103.240,
328.219

■ 97,21.518,
143.621

■ 52,103.580,
328.230

■ 97,21.518,
143.620

■ 97,21.518,
143.619

Harmonies

Complementary

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



73, 39.915, 325.965



83, 39.911, 142.503

Rectangle

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



73, 39.915, 325.965



73, 39.915, 15.965



73, 39.915, 145.965



73, 39.915, 195.965

Sweetspot

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



73, 39.912, 325.965



95, 12.733, 324.858



68, 33.641, 292.958



50, 9.057, 324.945



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 39.912, 325.965



80, 54.137, 326.289



72, 28.797, 345.304



43, 8.001, 324.937



41, 86.549, 328.230



7, 34.556, 328.171

Inverse Universe

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



71, 24.811, 21.686



77, 34.547, 22.470



83, 27.890, 160.207



43, 4.639, 19.927



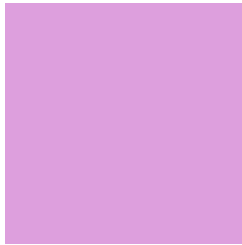
36, 78.233, 39.926



5, 23.840, 20.266

Previews

White Background



This preview shows how the CIELCh color 73, 39.915, 325.965 looks on a white background.

Color Contrast Check

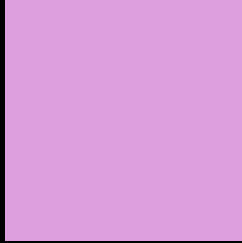
Large Text (above 18pt) WCAG AA × Fail

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 73, 39.915, 325.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

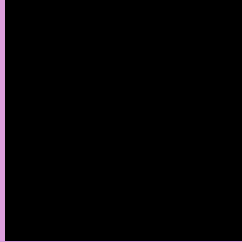
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 39.915, 325.965

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.915, 325.965.

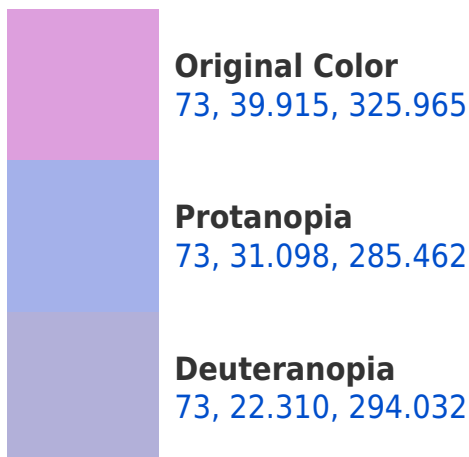


This preview shows how white text looks on a background with the CIELCh color 73, 39.915, 325.965.

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
73, 20.001, 0.794

Trichromacy



Original Color
73, 39.915, 325.965



Protanomaly
73, 32.619, 301.944



Deuteranomaly
73, 27.414, 309.403



Tritanomaly
73, 26.076, 341.924

Monochromacy



Original Color
73, 39.915, 325.965



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 14.439, 325.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.915, 325.965 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(221, 159, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 159, 221)  
}
```

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(221, 159, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 159, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.915, 325.965 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(221, 159, 221) }
```

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

```
.border{ border-color:rgb(221, 159, 221) }
```

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

Here you see how a box with a 4 pixel rgb(221, 159, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 159, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 159, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 159,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.915, 325.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 159, 221) }
```

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

```
.background{ background-color: rgb(221,  
159, 221) }
```

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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