

Converting Colors

CIELCh(73, 43.647, 328.221)

Have a look what the booklet for
CIELCh(73, 43.647, 328.221)
contains.

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Color

CIELCh(73, 43.938, 328.171)

Conversions

Conversions Part 1

Format	Color
Hex	E39BDE
RGB	227, 155, 222
RGB Percent	89%, 61%, 87%
CMY	0.1089, 0.3913, 0.1286
CMYK	0.00, 0.32, 0.02, 0.11
HSL	304°, 56%, 75%
HSV	304°, 32%, 89%
XYZ	56.7185, 45.1644, 74.9884
YIQ	184.1660, 21.4050, 36.1010

Conversions

Conversions Part 2

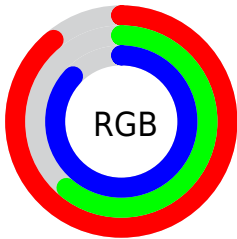
Format	Color
R _Y B	227, 155, 222
Decimal	14916574
CIE Lab	73.00, 37.33, -23.17
CIE LCh	73, 43.938, 328.171
Yxy	45.1644, 0.3207, 0.2554
Android (android.graphics.Color)	4293106654 (0xFFE39BDE)
YUV	184.1660, 18.6522, 37.5654
Hunter-Lab	67.2044, 33.0408, -19.1141

Details

The CIELCh color **73, 43.938, 328.171** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84, 43.930, 144.059**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **53, 44.425, 328.258** is the 20% darker color. If you saturate the color by 10%, you get **68, 57.234, 328.730**, and if you desaturate by 10%, it is **78, 30.142, 327.597**.

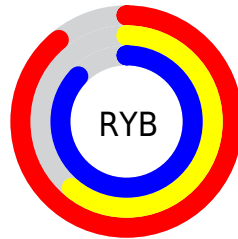
Distribution



Red (89%)

Green (61%)

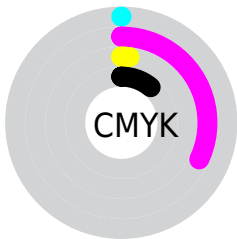
Blue (87%)



Red (89%)

Yellow (61%)

Blue (87%)

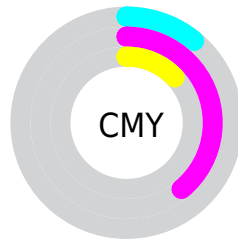


Cyan (0%)

Magenta (32%)

Yellow (2%)

Black (11%)



Cyan (11%)


Magenta (39%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 43.938, 328.171 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, 43.938, 328.171 by changing the saturation by 10% instead.


 73, 43.938,
328.171


 73, 43.938,
328.171


 100, 43.938,
328.171


 63, 43.938,
328.171


 93, 43.938,
328.171

 53, 43.938,
328.171

 43, 43.938,
328.171

 33, 43.938,
328.171

 23, 43.938,
328.171

 13, 43.938,
328.171

 3, 43.938, 328.171

0, 43.938, 328.171

73, 43.938,
328.171

73, 43.938,
328.171

68, 57.234,
328.730

78, 30.142,
327.597

64, 69.583,
329.261

84, 16.195,
327.014

60, 80.439,
329.756

89, 2.334, 326.334

57, 89.231,
330.205

95, 11.287,
145.936

55, 95.490,
330.607

97, 16.138,
146.734

54, 99.013,
330.968

98, 15.499,
148.519

■ 53, 100.225,
331.249

■ 98, 14.874,
150.450

■ 98, 14.266,
152.544

■ 98, 13.677,
154.816

Harmonies

Complementary

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



73, 43.938, 328.171



84, 43.930, 144.059

Rectangle

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



73, 43.938, 328.171



73, 43.938, 18.171



73, 43.938, 148.171



73, 43.938, 198.171

Sweetspot

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



73, 43.935, 328.171



94, 15.196, 326.917



67, 39.921, 296.302



49, 10.376, 327.001



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, 43.935, 328.171



78, 57.532, 328.539



72, 31.756, 350.636



45, 7.921, 326.882



42, 83.747, 331.198



8, 35.440, 330.712

Inverse Universe

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



73, 43.935, 328.171



78, 57.532, 328.539



85, 30.085, 164.313



45, 7.921, 326.882



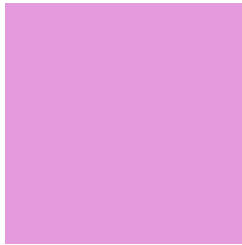
42, 83.747, 331.198



8, 35.440, 330.712

Previews

White Background



This preview shows how the CIELCh color 73, 43.938, 328.171 looks on a white background.

Color Contrast Check

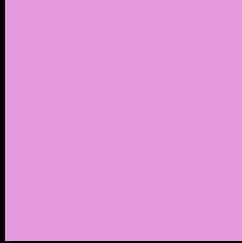
Large Text (above 18pt) WCAG AA × Fail

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, 43.938, 328.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

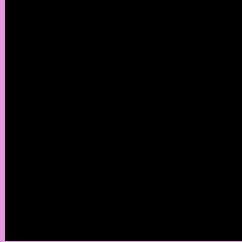
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 43.938, 328.171

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.938, 328.171.

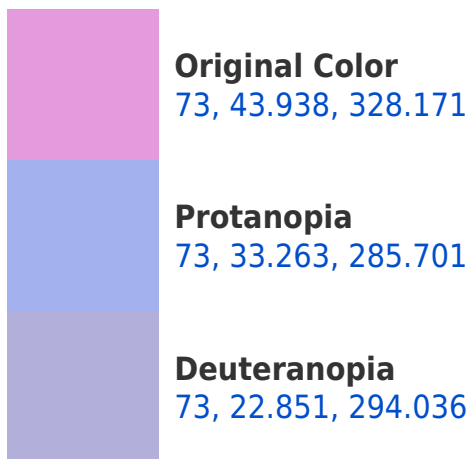


This preview shows how white text looks on a background with the CIELCh color 73, 43.938, 328.171.

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, 23.003, 3.916

Trichromacy



Original Color
73, 43.938, 328.171



Protanomaly
73, 34.883, 302.598



Deuteranomaly
73, 30.023, 311.480

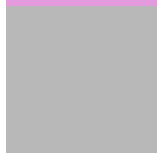


Tritanomaly
73, 28.736, 345.304

Monochromacy



Original Color
73, 43.938, 328.171



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 16.161, 327.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.938, 328.171 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(227, 155, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 155, 222)  
}
```

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(227, 155, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 155, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.938, 328.171 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(227, 155, 222) }
```

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

```
.border{ border-color:rgb(227, 155, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 155, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 155, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 155, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 155,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.938, 328.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 155, 222) }
```

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

```
.background{ background-color: rgb(227,  
155, 222) }
```

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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