

Converting Colors

CIELCh(72, 41.832, 329.456)

Have a look what the booklet for
CIELCh(72, 41.832, 329.456)
contains.

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Color

CIELCh(72, 42.178, 329.532)

Conversions

Conversions Part 1

Format	Color
Hex	E099D8
RGB	224, 153, 216
RGB Percent	88%, 60%, 85%
CMY	0.1210, 0.3995, 0.1524
CMYK	0.00, 0.32, 0.04, 0.12
HSL	307°, 53%, 74%
HSV	307°, 32%, 88%
XYZ	54.6080, 43.6590, 70.6061
YIQ	181.4110, 22.0930, 34.6450

Conversions

Conversions Part 2

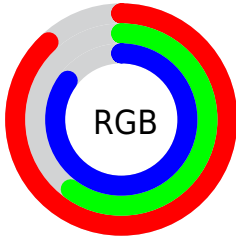
Format	Color
RYB	224, 153, 216
Decimal	14719448
CIELab	72.00, 36.35, -21.39
CIELCh	72, 42.178, 329.532
Yxy	43.6590, 0.3234, 0.2585
Android (android.graphics.Color)	4292909528 (0xFFE099D8)
YUV	181.4110, 17.0524, 37.3506
Hunter-Lab	66.0750, 31.8909, -17.1034

Details

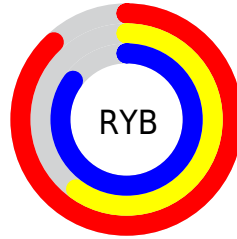
The CIELCh color `72, 42.178, 329.532` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `83, 42.133, 145.316`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 29.467, 325.450`, and `52, 41.967, 329.705` is the 20% darker color. If you saturate the color by 10%, you get `67, 54.963, 330.131`, and if you desaturate by 10%, it is `77, 28.921, 328.929`.

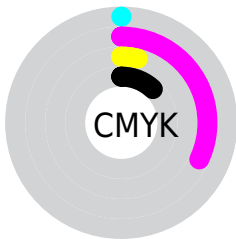
Distribution



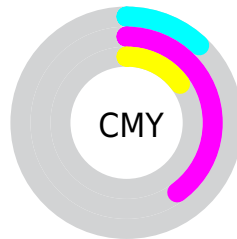
- Red (88%)
- Green (60%)
- Blue (85%)



- Red (88%)
- Yellow (60%)
- Blue (85%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 42.178, 329.532 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 72, 42.178, 329.532 by changing the saturation by 10% instead.


 72, 42.178,
329.532


 72, 42.178,
329.532


 100, 42.178,
329.532


 62, 42.178,
329.532


 92, 42.178,
329.532

 52, 42.178,
329.532

 42, 42.178,
329.532

 32, 42.178,
329.532

 22, 42.178,
329.532

 12, 42.178,
329.532

 2, 42.178, 329.532

0, 42.178, 329.532

72, 42.178,
329.532

72, 42.178,
329.532

67, 54.963,
330.131

77, 28.921,
328.929

63, 66.842,
330.718

83, 15.528,
328.324

59, 77.279,
331.287

88, 2.223, 327.620

56, 85.704,
331.838

94, 10.846,
147.221

54, 91.643,
332.375

97, 17.367,
148.076

52, 94.874,
332.911

97, 16.366,
150.860

■ 52, 95.861,
333.369

■ 97, 15.406,
153.987

■ 97, 14.493,
157.508

■ 97, 13.638,
161.475

Harmonies

Complementary

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



72, 42.178, 329.532



83, 42.133, 145.316

Rectangle

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



72, 42.178, 329.532



72, 42.178, 19.532



72, 42.178, 149.532



72, 42.178, 199.532

Sweetspot

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



72, 42.175, 329.532



94, 14.748, 328.226



66, 39.499, 297.381



49, 10.070, 328.312



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 42.175, 329.532



77, 55.873, 329.928



71, 30.858, 352.746



44, 7.547, 328.187



41, 80.114, 333.277



7, 33.298, 332.355

Inverse Universe

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



72, 42.175, 329.532



77, 55.873, 329.928



84, 28.980, 166.285



44, 7.547, 328.187



41, 80.114, 333.277



7, 33.298, 332.355

Previews

White Background



This preview shows how the CIELCh color 72, 42.178, 329.532 looks on a white background.

Color Contrast Check

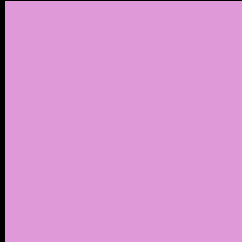
Large Text (above 18pt) WCAG AA × Fail

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 72, 42.178, 329.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

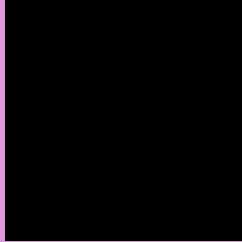
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 42.178, 329.532

Background



This preview shows how black text looks on a background with the CIELCh color 72, 42.178, 329.532.

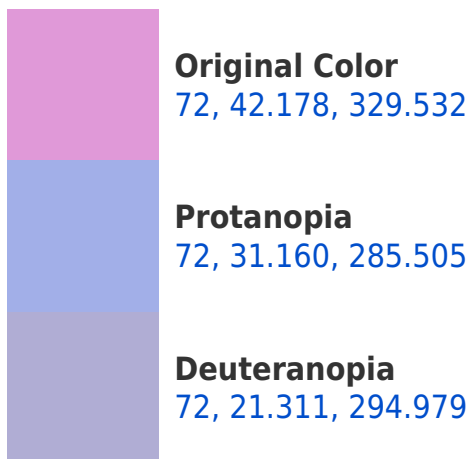


This preview shows how white text looks on a background with the CIELCh color 72, 42.178, 329.532.

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
72, 23.453, 4.299

Trichromacy



Original Color
72, 42.178, 329.532

Protanomaly
72, 32.882, 303.716

Deuteranomaly
72, 28.059, 312.907

Tritanomaly
72, 28.832, 346.739

Monochromacy



Original Color
72, 42.178, 329.532

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 15.123, 328.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 42.178, 329.532 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(224, 153, 216)` looks like.

```
.text, #text, p{  
    color:rgb(224, 153, 216)  
}
```

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(224, 153, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 153, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 42.178, 329.532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

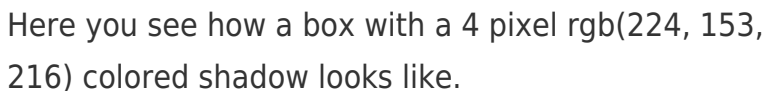
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 153, 216) }
```

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

```
.border{ border-color:rgb(224, 153, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 153, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 153, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 153, 216); box-shadow:4px 4px 4px 4px rgb(224, 153, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 42.178, 329.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 153, 216) }
```

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

```
.background{ background-color: rgb(224,  
153, 216) }
```

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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