

Converting Colors

CIELCh(72, 29.185, 335.732)

Have a look what the booklet for
CIELCh(72, 29.185, 335.732)
contains.

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Color

CIELCh(72, 29.159, 335.723)

Conversions

Conversions Part 1

Format	Color
Hex	D7A0C7
RGB	215, 160, 199
RGB Percent	84%, 63%, 78%
CMY	0.1573, 0.3729, 0.2200
CMYK	0.00, 0.26, 0.07, 0.16
HSL	317°, 41%, 73%
HSV	317°, 26%, 84%
XYZ	50.8459, 43.6590, 59.7198
YIQ	180.8910, 20.2610, 23.7890

Conversions

Conversions Part 2

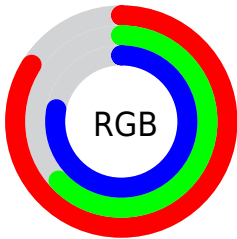
Format	Color
R _Y B	215, 160, 199
Decimal	14131399
CIE Lab	72.00, 26.58, -11.99
CIE LCh	72, 29.159, 335.723
Yxy	43.6590, 0.3297, 0.2831
Android (android.graphics.Color)	4292321479 (0xFFD7A0C7)
YUV	180.8910, 8.9277, 29.9136
Hunter-Lab	66.0750, 21.7278, -7.3349

Details

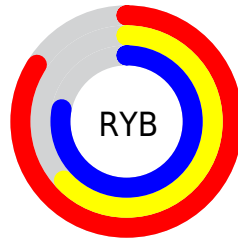
The CIELCh color $72, 29.159, 335.723$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 28.891, 151.931$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.059, 325.297$, and $52, 29.150, 336.109$ is the 20% darker color. If you saturate the color by 10%, you get $67, 40.441, 336.518$, and if you desaturate by 10%, it is $77, 17.703, 334.974$.

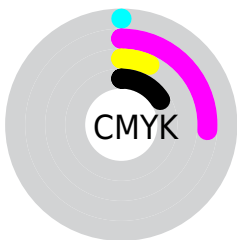
Distribution



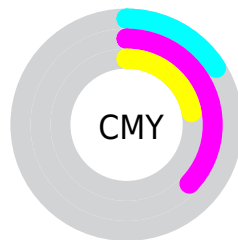
- Red (84%)
- Green (63%)
- Blue (78%)



- Red (84%)
- Yellow (63%)
- Blue (78%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (16%)





- Cyan (16%)
- Magenta (37%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 29.159, 335.723 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, 29.159, 335.723 by changing the saturation by 10% instead.


 72, 29.159,
335.723

 72, 29.159,
335.723


 100, 29.159,
335.723


 62, 29.159,
335.723


 92, 29.159,
335.723

 52, 29.159,
335.723

 42, 29.159,
335.723

 32, 29.159,
335.723

 22, 29.159,
335.723

 12, 29.159,
335.723

 2, 29.159, 335.723

0, 29.159, 335.723

72, 29.159,
335.723

72, 29.159,
335.723

67, 40.441,
336.518

77, 17.703,
334.974

62, 51.232,
337.372

83, 6.302, 334.240

58, 61.093,
338.302

88, 4.906, 153.711

94, 15.837,
153.040

54, 69.494,
339.339

97, 19.060,
156.513

52, 75.890,
340.526

97, 16.964,
164.285

49, 79.861,
341.927

97, 15.235,

■ 48, 81.297,
343.615

173.974

■ 48, 81.449,
344.431

■ 97, 14.012,
185.689

■ 97, 13.444,
198.608

Harmonies

Complementary

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



72, 29.159, 335.723



81, 28.891, 151.931

Rectangle

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



72, 29.159, 335.723



72, 29.159, 25.723



72, 29.159, 155.723



72, 29.159, 205.723

Sweetspot

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



72, 29.156, 335.724



95, 10.384, 334.427



69, 30.837, 302.922



50, 7.388, 334.539



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, 29.156, 335.724



81, 40.555, 336.171



71, 22.226, 4.730



42, 6.401, 334.526



38, 68.853, 344.099



6, 26.635, 340.577

Inverse Universe

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



72, 29.156, 335.724



81, 40.555, 336.171



82, 20.114, 179.609



42, 6.401, 334.526



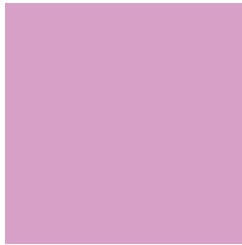
38, 68.853, 344.099



6, 26.635, 340.577

Previews

White Background



This preview shows how the CIELCh color 72, 29.159, 335.723 looks on a white background.

Color Contrast Check

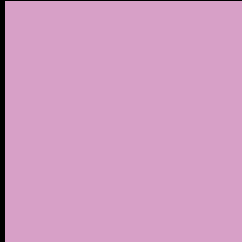
Large Text (above 18pt) WCAG AA × Fail

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, 29.159, 335.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

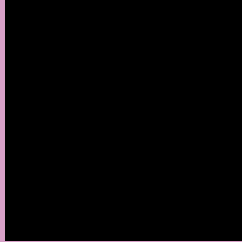
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 29.159, 335.723

Background



This preview shows how black text looks on a background with the CIELCh color 72, 29.159, 335.723.



This preview shows how white text looks on a background with the CIELCh color 72, 29.159, 335.723.

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



Original Color


72, 29.159, 335.723

Protanopia

72, 18.561, 286.674

Deuteranopia

72, 14.475, 310.318



Tritanopia
72, 19.679, 0.374

Trichromacy



Original Color
72, 29.159, 335.723

Protanomaly
72, 20.002, 308.382

Deuteranomaly
72, 19.317, 323.391

Tritanomaly
72, 22.269, 349.244

Monochromacy



Original Color
72, 29.159, 335.723

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 11.064, 332.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 29.159, 335.723 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(215, 160, 199)` looks like.

```
.text, #text, p{  
    color:rgb(215, 160, 199)  
}
```

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(215, 160, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 160, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 29.159, 335.723 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(215, 160, 199) }
```

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

```
.border{ border-color:rgb(215, 160, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 160, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 160, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 160, 199);  
box-shadow:4px 4px 4px 4px rgb(215, 160,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 29.159, 335.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 160, 199) }
```

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

```
.background{ background-color: rgb(215,  
160, 199) }
```

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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