

Converting Colors

CIELCh(72, 31.204, 335.460)

Have a look what the booklet for
CIELCh(72, 31.204, 335.460)
contains.

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Color

CIELCh(72, 31.018, 335.187)

Conversions

Conversions Part 1

Format	Color
Hex	D99FC9
RGB	217, 159, 201
RGB Percent	85%, 62%, 79%
CMY	0.1498, 0.3772, 0.2125
CMYK	0.00, 0.27, 0.07, 0.15
HSL	317°, 43%, 74%
HSV	317°, 27%, 85%
XYZ	51.4397, 43.6590, 60.8521
YIQ	181.1300, 21.0860, 25.3580

Conversions

Conversions Part 2

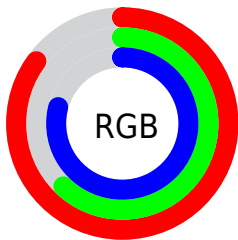
Format	Color
R _Y B	217, 159, 201
Decimal	14262217
CIE Lab	72.00, 28.15, -13.02
CIE LCh	72, 31.018, 335.187
Yxy	43.6590, 0.3298, 0.2800
Android (android.graphics.Color)	4292452297 (0xFFD99FC9)
YUV	181.1300, 9.7959, 31.4580
Hunter-Lab	66.0750, 23.3320, -8.3510

Details

The CIELCh color **72, 31.018, 335.187** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **82, 30.757, 151.249**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 25.689, 325.319**, and **52, 30.832, 334.971** is the 20% darker color. If you saturate the color by 10%, you get **67, 42.450, 335.968**, and if you desaturate by 10%, it is **77, 19.370, 334.449**.

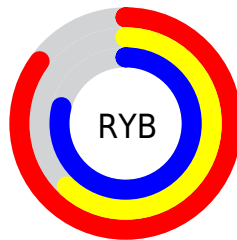
Distribution



Red (85%)

Green (62%)

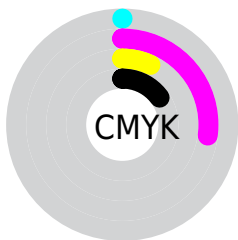
Blue (79%)



Red (85%)

Yellow (62%)

Blue (79%)

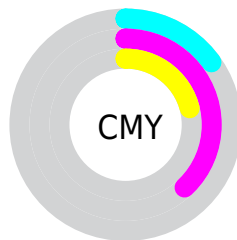


Cyan (0%)

Magenta (27%)

Yellow (7%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 31.018, 335.187 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, 31.018, 335.187 by changing the saturation by 10% instead.


 72, 31.018,
335.187


 72, 31.018,
335.187


 100, 31.018,
335.187


 62, 31.018,
335.187


 92, 31.018,
335.187

 52, 31.018,
335.187

 42, 31.018,
335.187

 32, 31.018,
335.187

 22, 31.018,
335.187

 12, 31.018,
335.187

 2, 31.018, 335.187

0, 31.018, 335.187

72, 31.018,
335.187

72, 31.018,
335.187

67, 42.450,
335.968

77, 19.370,
334.449

62, 53.331,
336.802

83, 7.751, 333.730

58, 63.202,
337.707

88, 3.688, 153.217

94, 14.857,
152.528

55, 71.521,
338.709

97, 18.382,
155.854

52, 77.746,
339.850

97, 16.352,
163.485

50, 81.480,
341.188

97, 14.664,

■ 49, 82.686,
342.789

173.016

■ 48, 82.802,
343.347

■ 97, 13.451,
184.587

■ 97, 12.850,
197.796

Harmonies

Complementary

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



72, 31.018, 335.187



82, 30.757, 151.249

Rectangle

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



72, 31.018, 335.187



72, 31.018, 25.187



72, 31.018, 155.187



72, 31.018, 205.187

Sweetspot

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



72, 31.015, 335.188



95, 10.496, 333.827



69, 32.479, 302.446



50, 7.468, 333.937



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, 31.015, 335.188



80, 42.280, 335.615



71, 23.565, 3.652



43, 6.597, 333.926



39, 70.290, 343.052



6, 28.483, 339.909

Inverse Universe

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



72, 31.015, 335.188



80, 42.280, 335.615



82, 21.337, 178.212



43, 6.597, 333.926



39, 70.290, 343.052



6, 28.483, 339.909

Previews

White Background



This preview shows how the CIELCh color 72, 31.018, 335.187 looks on a white background.

Color Contrast Check

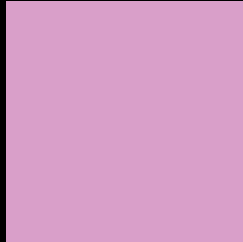
Large Text (above 18pt) WCAG AA × Fail

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, 31.018, 335.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

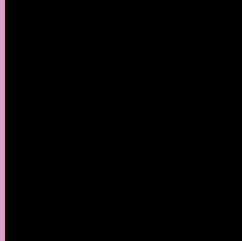
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 31.018, 335.187

Background



This preview shows how black text looks on a background with the CIELCh color 72, 31.018, 335.187.



This preview shows how white text looks on a background with the CIELCh color 72, 31.018, 335.187.

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, 20.800, 1.680

Trichromacy



Original Color
72, 31.018, 335.187

Protanomaly
72, 22.202, 307.741

Deuteranomaly
72, 20.434, 322.662

Tritanomaly
72, 24.105, 349.160

Monochromacy



Original Color
72, 31.018, 335.187

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 11.318, 334.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 31.018, 335.187 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(217, 159, 201)` looks like.

```
.text, #text, p{  
    color:rgb(217, 159, 201)  
}
```

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(217, 159, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 159, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 31.018, 335.187 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(217, 159, 201) }
```

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

```
.border{ border-color:rgb(217, 159, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 159, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 159, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 159, 201);  
box-shadow:4px 4px 4px 4px rgb(217, 159,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 31.018, 335.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 159, 201) }
```

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

```
.background{ background-color: rgb(217,  
159, 201) }
```

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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