

Converting Colors

CIELCh(72, 19.213, 330.034)

Have a look what the booklet for
CIELCh(72, 19.213, 330.034)
contains.

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Color

CIELCh(72, 18.867, 330.000)

Conversions

Conversions Part 1

Format	Color
Hex	C7A7C2
RGB	199, 167, 194
RGB Percent	78%, 65%, 76%
CMY	0.2197, 0.3452, 0.2393
CMYK	0.00, 0.16, 0.03, 0.22
HSL	309°, 22%, 72%
HSV	309°, 16%, 78%
XYZ	47.0935, 43.6590, 56.9669
YIQ	179.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

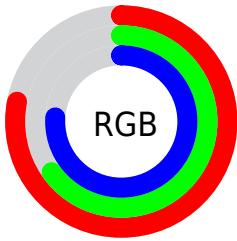
Format	Color
R _Y B	199, 167, 194
Decimal	13084610
CIE Lab	72.00, 16.34, -9.43
CIE LCh	72, 18.867, 330.000
Yxy	43.6590, 0.3188, 0.2956
Android (android.graphics.Color)	4291274690 (0xFFC7A7C2)
YUV	179.6460, 7.0765, 16.9735
Hunter-Lab	66.0750, 11.5907, -4.8647

Details

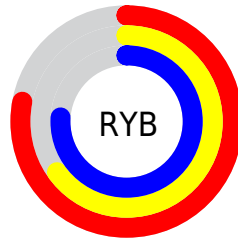
The CIELCh color $72, 18.867, 330.000$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 18.815, 147.998$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 18.605, 329.658$, and $52, 18.641, 330.613$ is the 20% darker color. If you saturate the color by 10%, you get $67, 30.646, 330.630$, and if you desaturate by 10%, it is $77, 7.093, 329.367$.

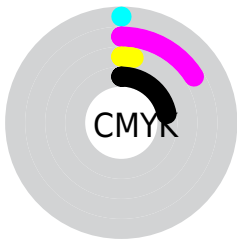
Distribution



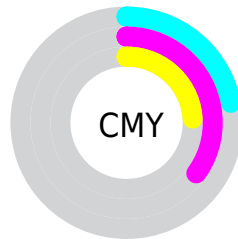
- Red (78%)
- Green (65%)
- Blue (76%)



- Red (78%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 18.867, 330.000 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, 18.867, 330.000 by changing the saturation by 10% instead.


 72, 18.867,
330.000


 72, 18.867,
330.000


 100, 18.867,
330.000


 62, 18.867,
330.000


 92, 18.867,
330.000

 52, 18.867,
330.000

 42, 18.867,
330.000

 32, 18.867,
330.000

 22, 18.867,
330.000

 12, 18.867,
330.000

 2, 18.867, 330.000

■ 0, 18.867, 330.000

■ 72, 18.867,
330.000

■ 72, 18.867,
330.000

■ 67, 30.646,
330.630

■ 77, 7.093, 329.367

■ 82, 4.515, 148.887

■ 62, 42.206,
331.266

■ 88, 15.866,
148.276

■ 58, 53.215,
331.909

■ 93, 26.908,
147.729

■ 54, 63.245,
332.557

■ 95, 30.767,
148.552

■ 51, 71.798,
333.211

■ 95, 29.534,
150.480

■ 49, 78.375,
333.881

■ 95, 28.330,

■ 47, 82.610,
334.584

152.566

■ 46, 84.435,
335.345

■ 95, 27.161,
154.825

■ 46, 84.803,
335.654

■ 96, 26.030,
157.275

Harmonies

Complementary

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



72, 18.867, 330.000



77, 18.815, 147.998

Rectangle

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



72, 18.867, 330.000



72, 18.867, 20.000



72, 18.867, 150.000



72, 18.867, 200.000

Sweetspot

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



72, 18.865, 330.001



97, 7.129, 329.299



70, 17.676, 297.378



51, 4.866, 329.348



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, 18.865, 330.001



88, 27.292, 330.201



72, 13.602, 354.119



39, 6.627, 329.581



37, 73.329, 335.530



4, 23.337, 332.952

Inverse Universe

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



72, 18.865, 330.001



88, 27.292, 330.201



78, 13.092, 171.126



39, 6.627, 329.581



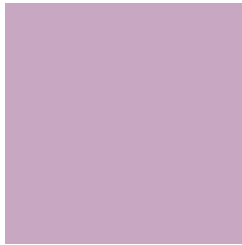
37, 73.329, 335.530



4, 23.337, 332.952

Previews

White Background



This preview shows how the CIELCh color 72, 18.867, 330.000 looks on a white background.

Color Contrast Check

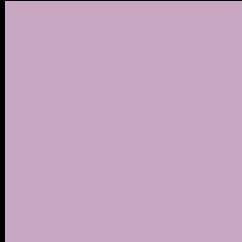
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 18.867, 330.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

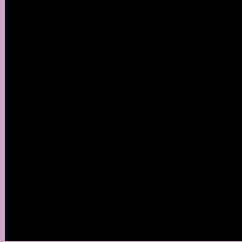
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 18.867, 330.000

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.867, 330.000.



This preview shows how white text looks on a background with the CIELCh color 72, 18.867, 330.000.

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, 18.867, 330.000

Protanopia

72, 13.084, 288.360

Deuteranopia

72, 12.590, 315.106



Tritanopia
72, 12.712, 346.841

Trichromacy



Original Color
72, 18.867, 330.000

Protanomaly
72, 14.159, 306.146

Deuteranomaly
72, 14.765, 322.647

Tritanomaly
72, 14.909, 339.773

Monochromacy



Original Color
72, 18.867, 330.000

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.066, 329.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.867, 330.000 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(199, 167, 194)` looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 194)  
}
```

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(199, 167, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.867, 330.000 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(199, 167, 194) }
```

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

```
.border{ border-color:rgb(199, 167, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 194);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.867, 330.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 194) }
```

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

```
.background{ background-color: rgb(199,  
167, 194) }
```

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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