

Converting Colors

CIELCh(72, 16.769, 349.856)

Have a look what the booklet for
CIELCh(72, 16.769, 349.856)
contains.

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Color

CIELCh(72, 16.786, 349.865)

Conversions

Conversions Part 1	
Format	Color
Hex	CCA6B6
RGB	204, 166, 182
RGB Percent	80%, 65%, 71%
CMY	0.1987, 0.3478, 0.2850
CMYK	0.00, 0.19, 0.11, 0.20
HSL	335°, 27%, 73%
HSV	335°, 19%, 80%
XYZ	47.1595, 43.6590, 50.3681
YIQ	179.1860, 17.5120, 13.0320

Conversions

Conversions Part 2

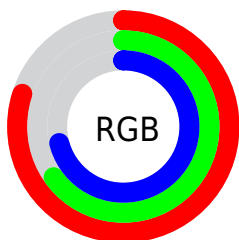
Format	Color
RYB	204, 166, 182
Decimal	13412022
CIELab	72.00, 16.52, -2.95
CIELCh	72, 16.786, 349.865
Yxy	43.6590, 0.3340, 0.3092
Android (android.graphics.Color)	4291602102 (0xFFCCA6B6)
YUV	179.1860, 1.3873, 21.7619
Hunter-Lab	66.0750, 11.7690, 1.0565

Details

The CIELCh color $72, 16.786, 349.865$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 16.235, 166.462$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 15.036, 344.767$, and $52, 16.537, 349.874$ is the 20% darker color. If you saturate the color by 10%, you get $67, 26.066, 351.003$, and if you desaturate by 10%, it is $77, 7.655, 348.849$.

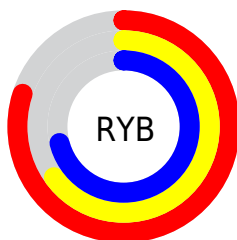
Distribution



Red (80%)

Green (65%)

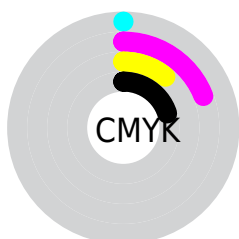
Blue (71%)



Red (80%)

Yellow (65%)

Blue (71%)

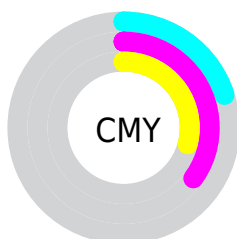


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (20%)



Cyan (20%)


Magenta (35%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.786, 349.865 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, 16.786, 349.865 by changing the saturation by 10% instead.


 72, 16.786,
349.865


 72, 16.786,
349.865


 100, 16.786,
349.865


 62, 16.786,
349.865


 92, 16.786,
349.865

 52, 16.786,
349.865

 42, 16.786,
349.865

 32, 16.786,
349.865

 22, 16.786,
349.865

 12, 16.786,
349.865

 2, 16.786, 349.865

0, 16.786, 349.865

72, 16.786,
349.865

72, 16.786,
349.865

67, 26.066,
351.003

77, 7.655, 348.849

62, 35.324,
352.312

83, 1.216, 168.391

57, 44.284,
353.862

89, 9.778, 167.281

53, 52.569,
355.742

94, 18.012,
166.540

49, 59.722,
358.077

96, 18.676,
176.416

47, 65.306, 1.027

97, 16.870,
195.413

97, 16.772,
198.392

■ 45, 69.073, 4.769

■ 44, 71.287, 9.357

■ 44, 71.588, 10.016

Harmonies

Complementary

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



72, 16.786, 349.865



79, 16.235, 166.462

Rectangle

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



72, 16.786, 349.865



72, 16.786, 39.865



72, 16.786, 169.865



72, 16.786, 219.865

Sweetspot

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



72, 16.784, 349.868



96, 6.368, 348.594



71, 22.237, 312.172



51, 4.228, 348.662



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, 16.784, 349.868



86, 23.860, 350.269



72, 13.971, 26.170



40, 5.047, 348.928



35, 61.223, 9.181



4, 19.237, 358.320

Inverse Universe

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



72, 16.784, 349.868



86, 23.860, 350.269



79, 12.335, 204.878



40, 5.047, 348.928



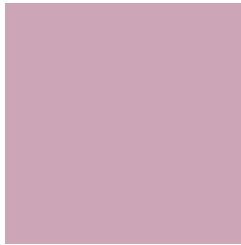
35, 61.223, 9.181



4, 19.237, 358.320

Previews

White Background



This preview shows how the CIELCh color 72, 16.786, 349.865 looks on a white background.

Color Contrast Check

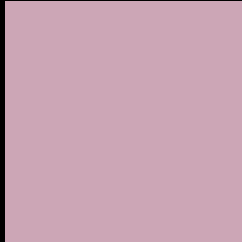
Large Text (above 18pt) WCAG AA × Fail

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, 16.786, 349.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

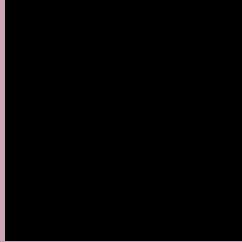
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 16.786, 349.865

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.786, 349.865.



This preview shows how white text looks on a background with the CIELCh color 72, 16.786, 349.865.

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, 16.786, 349.865

Protanopia

72, 6.552, 294.006

Deuteranopia

72, 9.615, 345.847



Tritanopia
72, 15.719, 354.261

Trichromacy

	Original Color 72, 16.786, 349.865
	Protanomaly 72, 9.482, 326.706
	Deuteranomaly 72, 12.112, 347.955
	Tritanomaly 72, 15.945, 352.494

Monochromacy

	Original Color 72, 16.786, 349.865
	Achromatopsia 73, 0.009, 296.813
	Achromatomaly 73, 6.205, 348.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.786, 349.865 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(204, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(204, 166, 182)  
}
```

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(204, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 166, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.786, 349.865 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(204, 166, 182) }
```

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

```
.border{ border-color:rgb(204, 166, 182) }
```

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

Here you see how a box with a 4 pixel rgb(204, 166, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(204, 166,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.786, 349.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 166, 182) }
```

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

```
.background{ background-color: rgb(204,  
166, 182) }
```

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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