

Converting Colors

CIELCh(72, 30.336, 331.510)

Have a look what the booklet for
CIELCh(72, 30.336, 331.510)
contains.

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Color

CIELCh(72, 30.219, 331.697)

Conversions

Conversions Part 1

Format	Color
Hex	D5A0CB
RGB	213, 160, 203
RGB Percent	84%, 63%, 80%
CMY	0.1643, 0.3721, 0.2035
CMYK	0.00, 0.25, 0.05, 0.16
HSL	311°, 39%, 73%
HSV	311°, 25%, 84%
XYZ	50.8557, 43.6590, 62.3164
YIQ	180.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

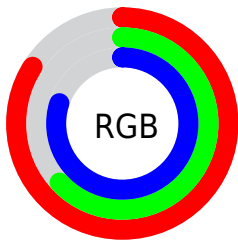
Format	Color
R _Y B	213, 160, 203
Decimal	14000331
CIE Lab	72.00, 26.61, -14.33
CIE LCh	72, 30.219, 331.697
Yxy	43.6590, 0.3243, 0.2784
Android (android.graphics.Color)	4292190411 (0xFFD5A0CB)
YUV	180.7490, 10.9697, 28.2841
Hunter-Lab	66.0750, 21.7542, -9.6649

Details

The CIELCh color $72, 30.219, 331.697$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 30.100, 148.337$, 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 $52, 30.277, 331.789$ is the 20% darker color. If you saturate the color by 10%, you get $67, 42.219, 332.368$, and if you desaturate by 10%, it is $77, 18.022, 331.043$.

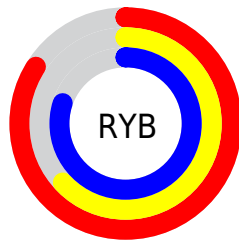
Distribution



Red (84%)

Green (63%)

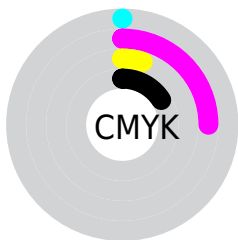
Blue (80%)



Red (84%)

Yellow (63%)

Blue (80%)

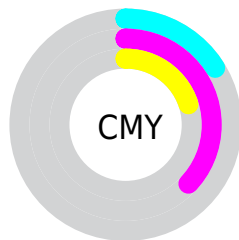


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (16%)



Cyan (16%)


Magenta (37%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 30.219, 331.697 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, 30.219, 331.697 by changing the saturation by 10% instead.


 72, 30.219,
331.697


 72, 30.219,
331.697


 100, 30.219,
331.697


 62, 30.219,
331.697


 92, 30.219,
331.697


 52, 30.219,
331.697

 42, 30.219,
331.697

 32, 30.219,
331.697

 22, 30.219,
331.697

 12, 30.219,
331.697

 2, 30.219, 331.697

72, 30.219,
331.697

72, 30.219,
331.697

67, 42.219,
332.368

77, 18.022,
331.043

62, 53.697,
333.056

83, 5.866, 330.380

58, 64.208,
333.764

88, 6.099, 149.886

55, 73.227,
334.498

94, 17.785,
149.276

52, 80.213,
335.274

96, 22.098,
150.859

50, 84.748,
336.117

97, 20.570,
154.591

97, 19.133,

■ 49, 86.706,
337.063

158.883

■ 48, 87.045,
337.583

■ 97, 17.809,
163.820

■ 97, 16.626,
169.485

Harmonies

Complementary

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



72, 30.219, 331.697



81, 30.100, 148.337

Rectangle

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



72, 30.219, 331.697



72, 30.219, 21.697



72, 30.219, 151.697



72, 30.219, 201.697

Sweetspot

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



72, 30.216, 331.697



96, 9.767, 330.533



68, 29.479, 299.407



50, 6.349, 330.574



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, 30.216, 331.697



82, 42.118, 332.060



71, 22.201, 357.426



42, 6.885, 330.688



39, 73.986, 337.412



6, 28.683, 335.346

Inverse Universe

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



72, 30.216, 331.697



82, 42.118, 332.060



81, 20.732, 172.417



42, 6.885, 330.688



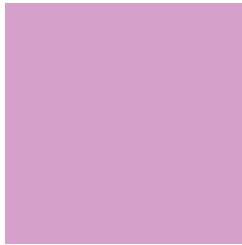
39, 73.986, 337.412



6, 28.683, 335.346

Previews

White Background



This preview shows how the CIELCh color 72, 30.219, 331.697 looks on a white background.

Color Contrast Check

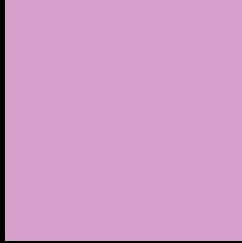
Large Text (above 18pt) WCAG AA × Fail

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, 30.219, 331.697 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, 30.219, 331.697

Background



This preview shows how black text looks on a background with the CIELCh color 72, 30.219, 331.697.



This preview shows how white text looks on a background with the CIELCh color 72, 30.219, 331.697.

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, 18.410, 0.521

Trichromacy



Original Color
72, 30.219, 331.697

Protanomaly
72, 22.003, 305.955

Deuteranomaly
72, 20.838, 318.463

Tritanomaly
72, 21.906, 346.852

Monochromacy



Original Color
72, 30.219, 331.697

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 11.464, 331.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 30.219, 331.697 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(213, 160, 203)` looks like.

```
.text, #text, p{  
    color:rgb(213, 160, 203)  
}
```

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(213, 160, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 160, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 30.219, 331.697 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(213, 160, 203) }
```

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

```
.border{ border-color:rgb(213, 160, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 160, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 160, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 160, 203);  
box-shadow:4px 4px 4px 4px rgb(213, 160,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 30.219, 331.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 160, 203) }
```

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

```
.background{ background-color: rgb(213,  
160, 203) }
```

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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