

Converting Colors

CIELCh(73, 15.960, 343.520)

Have a look what the booklet for
CIELCh(73, 15.960, 343.520)
contains.

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Color

CIELCh(73, 16.039, 343.472)

Conversions

Conversions Part 1

Format	Color
Hex	CCAABC
RGB	204, 170, 188
RGB Percent	80%, 67%, 74%
CMY	0.2004, 0.3337, 0.2631
CMYK	0.00, 0.17, 0.08, 0.20
HSL	328°, 25%, 73%
HSV	328°, 17%, 80%
XYZ	48.2989, 45.1644, 53.6949
YIQ	182.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

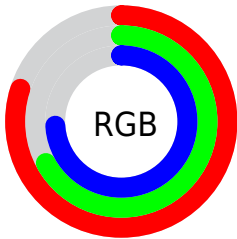
Format	Color
R_{YB}	204, 170, 188
Decimal	13413052
CIE _{Lab}	73.00, 15.38, -4.56
CIE _{LCh}	73, 16.039, 343.472
Yxy	45.1644, 0.3282, 0.3069
Android (android.graphics.Color)	4291603132 (0xFFCCAABC)
YUV	182.2180, 2.8505, 19.1028
Hunter-Lab	67.2044, 10.6777, -0.3283

Details

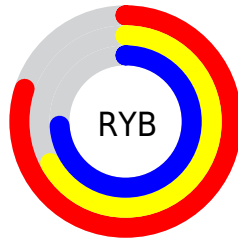
The CIELCh color $73, 16.039, 343.472$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 15.747, 160.718$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 14.513, 337.959$, and $53, 16.054, 343.767$ is the 20% darker color. If you saturate the color by 10%, you get $68, 25.832, 344.442$, and if you desaturate by 10%, it is $78, 6.350, 342.573$.

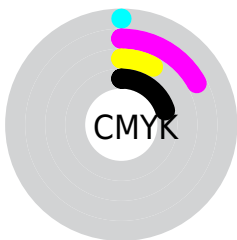
Distribution



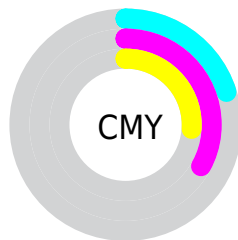
- Red (80%)
- Green (67%)
- Blue (74%)



- Red (80%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.039, 343.472 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 73, 16.039, 343.472 by changing the saturation by 10% instead.


 73, 16.039,
343.472


 73, 16.039,
343.472


 100, 16.039,
343.472


 63, 16.039,
343.472


 93, 16.039,
343.472

 53, 16.039,
343.472

 43, 16.039,
343.472

 33, 16.039,
343.472

 23, 16.039,
343.472

 13, 16.039,
343.472

 3, 16.039, 343.472

73, 16.039,
343.472

73, 16.039,
343.472

68, 25.832,
344.442

78, 6.350, 342.573

84, 3.115, 161.979

63, 35.551,
345.526

89, 12.298,
161.161

58, 44.910,
346.767

95, 21.174,
160.482

54, 53.520,
348.223

96, 20.217,
169.148

51, 60.901,
349.977

96, 17.990,
182.517

48, 66.561,
352.146

97, 16.902,

■ 46, 70.143,
354.873

198.384

■ 44, 71.658,
358.299

■ 44, 71.982,
359.528

Harmonies

Complementary

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



73, 16.039, 343.472



79, 15.747, 160.718

Rectangle

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



73, 16.039, 343.472



73, 16.039, 33.472



73, 16.039, 163.472



73, 16.039, 213.472

Sweetspot

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



73, 16.037, 343.474



97, 5.697, 342.421



72, 19.467, 308.689



51, 3.890, 342.490



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 16.037, 343.474



87, 23.137, 343.811



73, 13.189, 17.881



40, 5.418, 342.818



36, 61.817, 358.886



4, 20.230, 351.680

Inverse Universe

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



73, 16.037, 343.474



87, 23.137, 343.811



80, 11.921, 195.642



40, 5.418, 342.818



36, 61.817, 358.886



4, 20.230, 351.680

Previews

White Background



This preview shows how the CIELCh color 73, 16.039, 343.472 looks on a white background.

Color Contrast Check

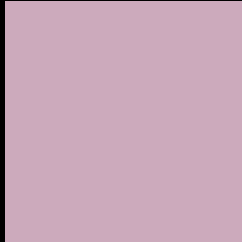
Large Text (above 18pt) WCAG AA × Fail

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 73, 16.039, 343.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

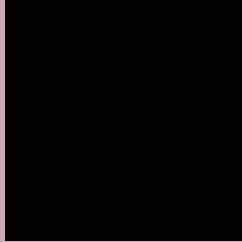
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 16.039, 343.472

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.039, 343.472.

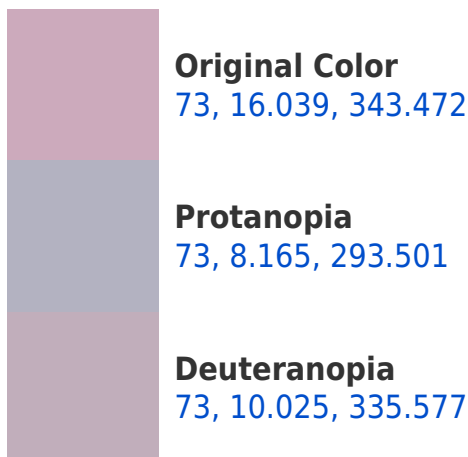


This preview shows how white text looks on a background with the CIELCh color 73, 16.039, 343.472.

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
73, 13.975, 350.475

Trichromacy



Original Color
73, 16.039, 343.472

Protanomaly
73, 9.968, 319.533

Deuteranomaly
73, 11.772, 340.330

Tritanomaly
73, 14.237, 348.570

Monochromacy



Original Color
73, 16.039, 343.472

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.561, 344.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.039, 343.472 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, 170, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 188)  
}
```

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, 170, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.039, 343.472 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, 170, 188) }
```

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

```
.border{ border-color:rgb(204, 170, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 170, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.039, 343.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 170, 188) }
```

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

```
.background{ background-color: rgb(204,  
170, 188) }
```

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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