

Converting Colors

CIELCh(73, 19.968, 317.530)

Have a look what the booklet for
CIELCh(73, 19.968, 317.530)
contains.

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Color

CIELCh(73, 19.985, 317.268)

Conversions

Conversions Part 1

Format	Color
Hex	C3ABCC
RGB	195, 171, 204
RGB Percent	76%, 67%, 80%
CMY	0.2347, 0.3289, 0.1994
CMYK	0.04, 0.16, 0.00, 0.20
HSL	284°, 24%, 74%
HSV	284°, 16%, 80%
XYZ	48.0464, 45.1644, 63.4006
YIQ	181.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

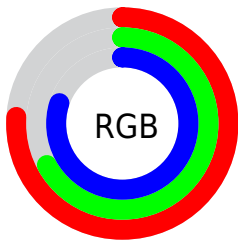
Format	Color
R _Y B	195, 171, 204
Decimal	12823500
CIE Lab	73.00, 14.68, -13.56
CIE LCh	73, 19.985, 317.268
Yxy	45.1644, 0.3068, 0.2884
Android (android.graphics.Color)	4291013580 (0xFFC3ABCC)
YUV	181.9380, 10.8766, 11.4554
Hunter-Lab	67.2044, 10.0069, -8.8910

Details

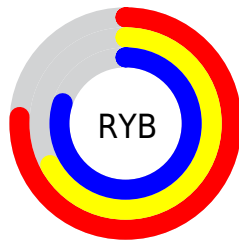
The CIELCh color $73, 19.985, 317.268$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 19.762, 135.867$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.576, 322.157$, and $53, 19.856, 316.891$ is the 20% darker color. If you saturate the color by 10%, you get $68, 32.586, 317.707$, and if you desaturate by 10%, it is $79, 7.549, 316.822$.

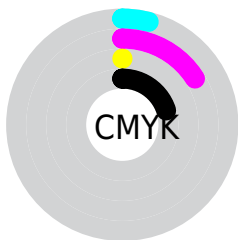
Distribution



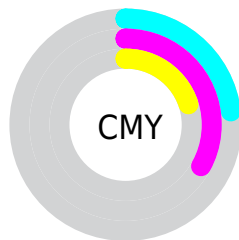
- Red (76%)
- Green (67%)
- Blue (80%)



- Red (76%)
- Yellow (67%)
- Blue (80%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)





- Cyan (23%)
- Magenta (33%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.985, 317.268 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, 19.985, 317.268 by changing the saturation by 10% instead.

 73, 19.985,
317.268

 73, 19.985,
317.268


 100, 19.985,
317.268


 63, 19.985,
317.268


 93, 19.985,
317.268

 53, 19.985,
317.268

 43, 19.985,
317.268

 33, 19.985,
317.268

 23, 19.985,
317.268

 13, 19.985,
317.268

 3, 19.985, 317.268

■ 0, 19.985, 317.268

■ 73, 19.985,
317.268

■ 73, 19.985,
317.268

■ 68, 32.586,
317.707

■ 79, 7.549, 316.822

■ 84, 4.623, 136.477

■ 62, 45.203,
318.135

■ 90, 16.483,
136.061

■ 57, 57.587,
318.526

■ 96, 28.008,
135.697

■ 52, 69.373,
318.847

■ 97, 28.414,
132.576

■ 48, 80.058,
319.051

■ 97, 27.600,
128.864

■ 45, 89.034,
319.082

■ 97, 26.910,

■ 42, 95.690,
318.880

124.893

■ 40, 99.665,
318.399

■ 98, 26.358,
120.685

■ 39, 100.802,
318.179

■ 98, 25.959,
116.277

Harmonies

Complementary

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



73, 19.985, 317.268



80, 19.762, 135.867

Rectangle

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



73, 19.985, 317.268



73, 19.985, 7.268



73, 19.985, 137.268



73, 19.985, 187.268

Sweetspot

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



73, 19.983, 317.267



97, 7.326, 316.770



73, 13.155, 277.089



51, 5.001, 316.804



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, 19.983, 317.267



87, 28.207, 317.403



74, 18.561, 332.130



40, 6.963, 316.968



31, 86.281, 318.311



3, 26.194, 316.139

Inverse Universe

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



73, 13.461, 359.455



87, 19.071, 359.815



79, 18.485, 150.019



40, 4.653, 358.707



35, 64.207, 23.019



4, 18.444, 6.227

Previews

White Background



This preview shows how the CIELCh color 73, 19.985, 317.268 looks on a white background.

Color Contrast Check

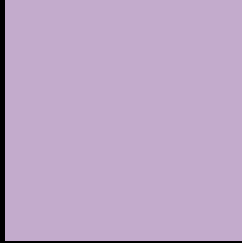
Large Text (above 18pt) WCAG AA × Fail

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, 19.985, 317.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

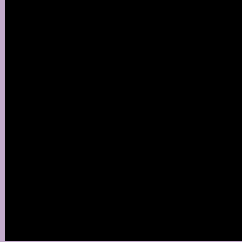
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 19.985, 317.268

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.985, 317.268.



This preview shows how white text looks on a background with the CIELCh color 73, 19.985, 317.268.

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


73, 19.985, 317.268

Protanopia

73, 16.863, 287.094

Deuteranopia

73, 15.693, 304.689



Tritanopia
73, 10.409, 333.452

Trichromacy



Original Color
73, 19.985, 317.268

Protanomaly
73, 17.021, 298.869

Deuteranomaly
73, 16.725, 310.302

Tritanomaly
73, 13.820, 325.013

Monochromacy



Original Color
73, 19.985, 317.268

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.340, 317.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.985, 317.268 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(195, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 204)  
}
```

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(195, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.985, 317.268 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(195, 171, 204) }
```

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

```
.border{ border-color:rgb(195, 171, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 171, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(195, 171,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.985, 317.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 204) }
```

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

```
.background{ background-color: rgb(195,  
171, 204) }
```

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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