

Converting Colors

CIELCh(73, 23.006, 333.417)

Have a look what the booklet for
CIELCh(73, 23.006, 333.417)
contains.

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Color

CIELCh(73, 22.817, 334.130)

Conversions

Conversions Part 1

Format	Color
Hex	D1A7C6
RGB	209, 167, 198
RGB Percent	82%, 65%, 78%
CMY	0.1812, 0.3458, 0.2243
CMYK	0.00, 0.20, 0.05, 0.18
HSL	316°, 31%, 74%
HSV	316°, 20%, 82%
XYZ	50.1949, 45.1644, 59.3825
YIQ	183.0920, 15.0810, 18.5450

Conversions

Conversions Part 2

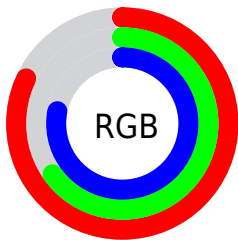
Format	Color
R_{YB}	209, 167, 198
Decimal	13739974
CIE _{Lab}	73.00, 20.53, -9.96
CIE _{LCh}	73, 22.817, 334.130
Yxy	45.1644, 0.3244, 0.2919
Android (android.graphics.Color)	4291930054 (0xFFD1A7C6)
YUV	183.0920, 7.3496, 22.7213
Hunter-Lab	67.2044, 15.7136, -5.3461

Details

The CIELCh color $73, 22.817, 334.130$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 22.670, 151.327$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.651, 325.143$, and $53, 22.529, 334.250$ is the 20% darker color. If you saturate the color by 10%, you get $68, 34.177, 334.865$, and if you desaturate by 10%, it is $78, 11.407, 333.425$.

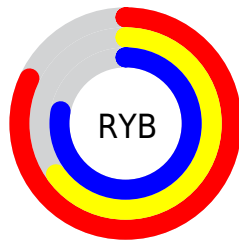
Distribution



Red (82%)

Green (65%)

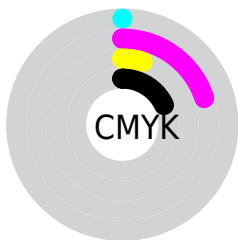
Blue (78%)



Red (82%)

Yellow (65%)

Blue (78%)

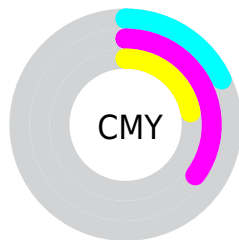


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (18%)



Cyan (18%)


Magenta (35%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 22.817, 334.130 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, 22.817, 334.130 by changing the saturation by 10% instead.


 73, 22.817,
334.130


 73, 22.817,
334.130


 100, 22.817,
334.130


 63, 22.817,
334.130


 93, 22.817,
334.130


 53, 22.817,
334.130

 43, 22.817,
334.130

 33, 22.817,
334.130

 23, 22.817,
334.130

 13, 22.817,
334.130

 3, 22.817, 334.130

■ 0, 22.817, 334.130

■ 73, 22.817,
334.130

■ 73, 22.817,
334.130

■ 68, 34.177,
334.865

■ 78, 11.407,
333.425

■ 63, 45.230,
335.640

■ 84, 0.130, 330.193

■ 59, 55.605,
336.465

■ 89, 10.912,
152.209

■ 55, 64.827,
337.359

■ 95, 21.657,
151.605

■ 52, 72.361,
338.347

■ 96, 22.409,
155.140

■ 49, 77.709,
339.473

■ 96, 20.486,
160.641

■ 48, 80.575,
340.793

■ 96, 18.769,
167.178

■ 47, 81.304,
342.316

■ 97, 17.321,
174.885

■ 97, 16.216,
183.788

Harmonies

Complementary

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



73, 22.817, 334.130



80, 22.670, 151.327

Rectangle

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



73, 22.817, 334.130



73, 22.817, 24.130



73, 22.817, 154.130



73, 22.817, 204.130

Sweetspot

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



73, 22.815, 334.131



96, 7.939, 333.136



71, 23.361, 301.317



51, 5.269, 333.184



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, 22.815, 334.131



85, 32.053, 334.433



72, 17.043, 1.565



41, 6.407, 333.376



38, 69.436, 342.045



5, 25.417, 338.798

Inverse Universe

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



73, 22.815, 334.131



85, 32.053, 334.433



81, 15.905, 177.655



41, 6.407, 333.376



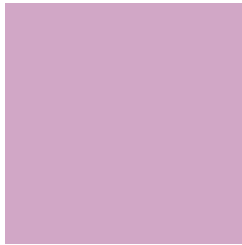
38, 69.436, 342.045



5, 25.417, 338.798

Previews

White Background



This preview shows how the CIELCh color 73, 22.817, 334.130 looks on a white background.

Color Contrast Check

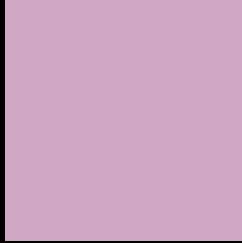
Large Text (above 18pt) WCAG AA × Fail

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, 22.817, 334.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

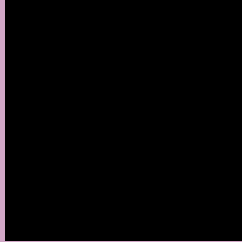
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 22.817, 334.130

Background



This preview shows how black text looks on a background with the CIELCh color 73, 22.817, 334.130.




This preview shows how white text looks on a background with the CIELCh color 73, 22.817, 334.130.

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, 16.250, 353.166

Trichromacy



Original Color
73, 22.817, 334.130

Protanomaly
73, 15.990, 308.461

Deuteranomaly
73, 16.882, 324.084

Tritanomaly
73, 18.488, 345.316

Monochromacy



Original Color
73, 22.817, 334.130

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.193, 333.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 22.817, 334.130 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(209, 167, 198)` looks like.

```
.text, #text, p{  
    color:rgb(209, 167, 198)  
}
```

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(209, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 167, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 22.817, 334.130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

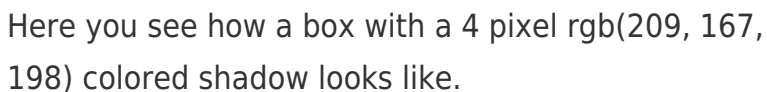
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 167, 198) }
```

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

```
.border{ border-color:rgb(209, 167, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 167, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 167, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 167, 198); box-shadow:4px 4px 4px 4px rgb(209, 167, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 22.817, 334.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 167, 198) }
```

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

```
.background{ background-color: rgb(209,  
167, 198) }
```

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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