

Converting Colors

CIELCh(73, 23.342, 304.227)

Have a look what the booklet for
CIELCh(73, 23.342, 304.227)
contains.

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Color

CIELCh(73, 22.910, 304.477)

Conversions

Conversions Part 1

Format	Color
Hex	BBADD6
RGB	187, 173, 214
RGB Percent	73%, 68%, 84%
CMY	0.2677, 0.3225, 0.1618
CMYK	0.13, 0.19, 0.00, 0.16
HSL	260°, 33%, 76%
HSV	260°, 19%, 84%
XYZ	47.4299, 45.1644, 69.6602
YIQ	181.8600, -4.8170, 15.7190

Conversions

Conversions Part 2

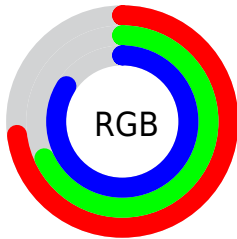
Format	Color
RYB	187, 173, 214
Decimal	12299734
CIELab	73.00, 12.97, -18.89
CIELCh	73, 22.910, 304.477
Yxy	45.1644, 0.2923, 0.2784
Android (android.graphics.Color)	4290489814 (0xFFBBADD6)
YUV	181.8600, 15.8450, 4.5078
Hunter-Lab	67.2044, 8.3695, -14.4134

Details

The CIELCh color `73, 22.910, 304.477` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `84, 22.121, 122.312`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 14.966, 311.434`, and `53, 22.529, 303.875` is the 20% darker color. If you saturate the color by 10%, you get `66, 35.434, 305.174`, and if you desaturate by 10%, it is `80, 10.779, 303.849`.

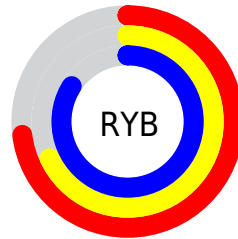
Distribution



Red (73%)

Green (68%)

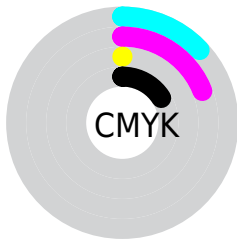
Blue (84%)



Red (73%)

Yellow (68%)

Blue (84%)

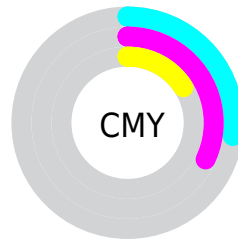


Cyan (13%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (27%)


Magenta (32%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 22.910, 304.477 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, 22.910, 304.477 by changing the saturation by 10% instead.

 73, 22.910,
304.477


 73, 22.910,
304.477


 100, 22.910,
304.477


 63, 22.910,
304.477


 93, 22.910,
304.477

 53, 22.910,
304.477

 43, 22.910,
304.477

 33, 22.910,
304.477

 23, 22.910,
304.477

 13, 22.910,
304.477

 3, 22.910, 304.477

0, 22.910, 304.477

73, 22.910,
304.477

73, 22.910,
304.477

66, 35.434,
305.174

80, 10.779,
303.849

60, 48.307,
305.939

86, 0.940, 123.377

54, 61.403,
306.750

93, 12.257,
122.830

48, 74.464,
307.567

98, 21.364,
120.456

42, 87.003,
308.313

99, 20.851,
108.599

37, 98.211,
308.866

■ 33, 106.964,
309.064

■ 30, 112.543,
308.828

■ 30, 112.958,
308.811

Harmonies

Complementary

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



73, 22.910, 304.477



84, 22.121, 122.312

Rectangle

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



73, 22.910, 304.477



73, 22.910, 354.477



73, 22.910, 124.477



73, 22.910, 174.477

Sweetspot

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



73, 22.908, 304.476



95, 8.093, 303.667



79, 11.695, 237.650



50, 5.374, 303.705



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, 22.908, 304.476



83, 31.923, 304.750



75, 25.349, 320.664



42, 6.681, 303.864



23, 95.415, 308.962



3, 28.201, 302.815

Inverse Universe

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



75, 20.967, 337.403



85, 29.067, 337.729



82, 25.159, 138.824



42, 6.175, 336.644



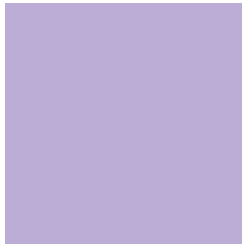
38, 66.764, 347.896



5, 25.728, 343.553

Previews

White Background



This preview shows how the CIELCh color 73, 22.910, 304.477 looks on a white background.

Color Contrast Check

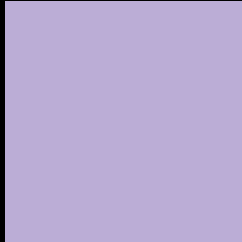
Large Text (above 18pt) WCAG AA × Fail

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, 22.910, 304.477 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, 22.910, 304.477

Background



This preview shows how black text looks on a background with the CIELCh color 73, 22.910, 304.477.



This preview shows how white text looks on a background with the CIELCh color 73, 22.910, 304.477.

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, 22.910, 304.477

Protanopia

73, 21.248, 285.828

Deuteranopia

73, 20.778, 296.887



Tritanopia
73, 7.949, 306.873

Trichromacy



Original Color
73, 22.910, 304.477

Protanomaly
73, 21.756, 293.137

Deuteranomaly
73, 21.457, 299.572

Tritanomaly
73, 13.499, 305.223

Monochromacy



Original Color
73, 22.910, 304.477

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.365, 303.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 22.910, 304.477 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(187, 173, 214)` looks like.

```
.text, #text, p{  
    color:rgb(187, 173, 214)  
}
```

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(187, 173, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 173, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 22.910, 304.477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

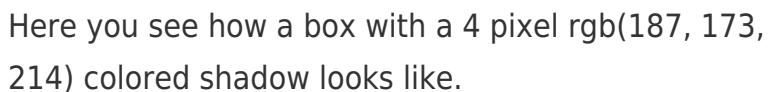
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 173, 214) }
```

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

```
.border{ border-color:rgb(187, 173, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 173, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 173, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 173, 214);  
box-shadow:4px 4px 4px 4px rgb(187, 173,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 22.910, 304.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 173, 214) }
```

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

```
.background{ background-color: rgb(187,  
173, 214) }
```

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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