

Converting Colors

CIELCh(73, 9.962, 301.111)

Have a look what the booklet for
CIELCh(73, 9.962, 301.111) contains.

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Color

CIELCh(73, 9.977, 301.526)

Conversions

Conversions Part 1

Format	Color
Hex	B6B1C3
RGB	182, 177, 195
RGB Percent	71%, 69%, 76%
CMY	0.2874, 0.3070, 0.2365
CMYK	0.07, 0.09, 0.00, 0.24
HSL	257°, 13%, 73%
HSV	257°, 9%, 76%
XYZ	44.7026, 45.1644, 57.8142
YIQ	180.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

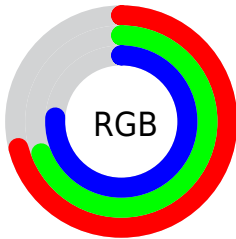
Format	Color
R_{YB}	182, 177, 195
Decimal	11973059
CIE _{Lab}	73.00, 5.22, -8.50
CIE _{LCh}	73, 9.977, 301.526
Yxy	45.1644, 0.3027, 0.3058
Android (android.graphics.Color)	4290163139 (0xFFB6B1C3)
YUV	180.5470, 7.1253, 1.2743
Hunter-Lab	67.2044, 1.1257, -3.9625

Details

The CIELCh color `73, 9.977, 301.526` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 9.789, 120.422`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 9.991, 300.882`, and `53, 10.068, 302.289` is the 20% darker color. If you saturate the color by 10%, you get `67, 21.141, 302.222`, and if you desaturate by 10%, it is `79, 0.795, 120.965`.

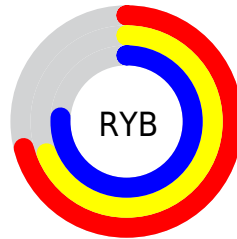
Distribution



Red (71%)

Green (69%)

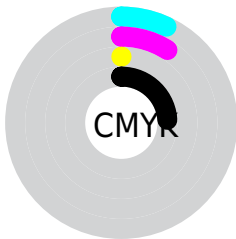
Blue (76%)



Red (71%)

Yellow (69%)

Blue (76%)

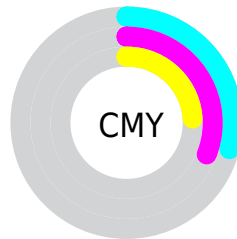


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.977, 301.526 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, 9.977, 301.526 by changing the saturation by 10% instead.

■ 73, 9.977, 301.526

■ 73, 9.977, 301.526

■ 100, 9.977,
301.526

■ 63, 9.977, 301.526

■ 93, 9.977, 301.526

■ 53, 9.977, 301.526

■ 43, 9.977, 301.526

■ 33, 9.977, 301.526

■ 23, 9.977, 301.526

■ 13, 9.977, 301.526

■ 3, 9.977, 301.526

■ 0, 9.977, 301.526

■ 73, 9.977, 301.526

■ 73, 9.977, 301.526

67, 21.141,
302.222

79, 0.795, 120.965

61, 32.703,
303.013

85, 11.183,
120.389

55, 44.630,
303.894

91, 21.208,
119.929

49, 56.834,
304.850

97, 30.891,
119.534

43, 69.105,
305.842

98, 30.403,
109.992

37, 81.020,
306.793

99, 30.374,
107.868

33, 91.822,
307.575

29, 100.399,
308.006

26, 106.038,

Harmonies

Complementary

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



73, 9.977, 301.526



78, 9.789, 120.422

Rectangle

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



73, 9.977, 301.526



73, 9.977, 351.526



73, 9.977, 121.526



73, 9.977, 171.526

Sweetspot

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



73, 9.975, 301.522



97, 3.962, 301.126



76, 5.349, 228.093



52, 3.030, 301.178



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, 9.975, 301.522



91, 14.712, 301.651



74, 11.035, 318.183



38, 6.098, 301.530



20, 92.150, 308.139



2, 19.706, 298.592

Inverse Universe

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



74, 9.734, 333.978



92, 14.329, 334.116



77, 10.966, 137.412



38, 5.950, 333.987



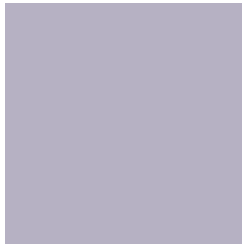
36, 66.431, 343.063



4, 18.623, 338.911

Previews

White Background



This preview shows how the CIELCh color 73, 9.977, 301.526 looks on a white background.

Color Contrast Check

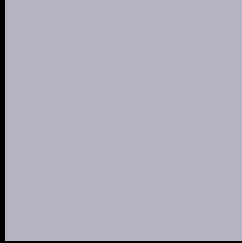
Large Text (above 18pt) WCAG AA × Fail

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, 9.977, 301.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

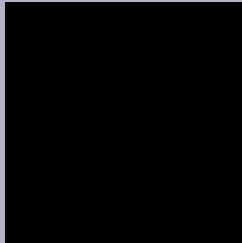
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

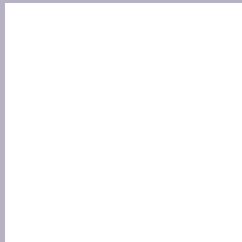
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 9.977, 301.526

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.977, 301.526.

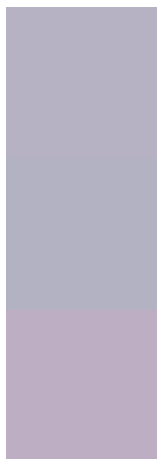


This preview shows how white text looks on a background with the CIELCh color 73, 9.977, 301.526.

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, 9.977, 301.526

Protanopia

73, 9.238, 291.071

Deuteranopia

73, 12.717, 316.620



Tritanopia
73, 7.773, 301.695

Trichromacy



Original Color
73, 9.977, 301.526

Protanomaly
73, 9.250, 293.295

Deuteranomaly
73, 11.638, 311.224

Tritanomaly
73, 8.307, 301.022

Monochromacy



Original Color
73, 9.977, 301.526

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.354, 303.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.977, 301.526 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(182, 177, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 177, 195)  
}
```

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(182, 177, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 177, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.977, 301.526 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(182, 177, 195) }
```

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

```
.border{ border-color:rgb(182, 177, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 177, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 177, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 177, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 177,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.977, 301.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 177, 195) }
```

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

```
.background{ background-color: rgb(182,  
177, 195) }
```

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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