

Converting Colors

CIELCh(73, 9.649, 308.714)

Have a look what the booklet for
CIELCh(73, 9.649, 308.714) contains.

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Color

CIELCh(73, 9.731, 308.426)

Conversions

Conversions Part 1

Format	Color
Hex	B8B0C1
RGB	184, 176, 193
RGB Percent	72%, 69%, 76%
CMY	0.2779, 0.3093, 0.2426
CMYK	0.05, 0.09, 0.00, 0.24
HSL	268°, 12%, 72%
HSV	268°, 9%, 76%
XYZ	44.9898, 45.1644, 56.8758
YIQ	180.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

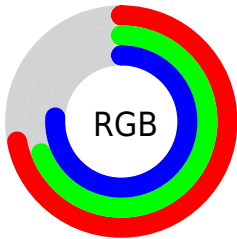
Format	Color
RYB	184, 176, 193
Decimal	12103873
CIELab	73.00, 6.05, -7.62
CIELCh	73, 9.731, 308.426
Yxy	45.1644, 0.3060, 0.3072
Android (android.graphics.Color)	4290293953 (0xFFB8B0C1)
YUV	180.3300, 6.2463, 3.2186
Hunter-Lab	67.2044, 1.8886, -3.1346

Details

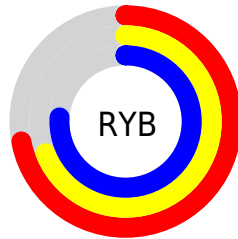
The CIELCh color $73, 9.731, 308.426$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.597, 127.648$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 9.252, 308.334$, and $53, 9.690, 307.384$ is the 20% darker color. If you saturate the color by 10%, you get $67, 21.083, 308.929$, and if you desaturate by 10%, it is $79, 1.294, 128.062$.

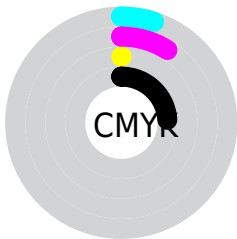
Distribution



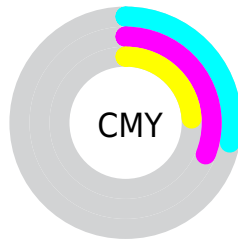
- Red (72%)
- Green (69%)
- Blue (76%)



- Red (72%)
- Yellow (69%)
- Blue (76%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.731, 308.426 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, 9.731, 308.426 by changing the saturation by 10% instead.

■ 73, 9.731, 308.426

■ 73, 9.731, 308.426

■ 100, 9.731,
308.426

■ 63, 9.731, 308.426

■ 93, 9.731, 308.426

■ 53, 9.731, 308.426

■ 43, 9.731, 308.426

■ 33, 9.731, 308.426

■ 23, 9.731, 308.426

■ 13, 9.731, 308.426

■ 3, 9.731, 308.426

■ 0, 9.731, 308.426

■ 73, 9.731, 308.426

■ 73, 9.731, 308.426

67, 21.083,
308.929

79, 1.294, 128.062

61, 32.734,
309.473

85, 11.974,
127.584

56, 44.601,
310.044

90, 22.315,
127.222

50, 56.530,
310.619

96, 32.330,
126.906

45, 68.244,
311.156

97, 32.115,
121.136

40, 79.287,
311.588

98, 31.393,
114.384

36, 88.980,
311.818

99, 31.154,
107.808

32, 96.484,
311.726

30, 101.377,

311.265

Harmonies

Complementary

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



73, 9.731, 308.426



77, 9.597, 127.648

Rectangle

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



73, 9.731, 308.426



73, 9.731, 358.426



73, 9.731, 128.426



73, 9.731, 178.426

Sweetspot

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



73, 9.729, 308.423



96, 4.059, 308.136



75, 5.335, 252.886



51, 3.078, 308.179



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 9.729, 308.423



90, 15.040, 308.540



74, 11.068, 323.989



38, 6.289, 308.451



24, 88.785, 311.367



2, 20.117, 304.330

Inverse Universe

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



74, 8.036, 342.757



91, 12.413, 342.968



76, 11.045, 143.085



38, 5.194, 342.807



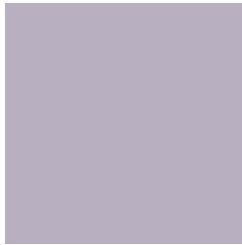
34, 60.430, 358.769



3, 16.102, 350.558

Previews

White Background



This preview shows how the CIELCh color 73, 9.731, 308.426 looks on a white background.

Color Contrast Check

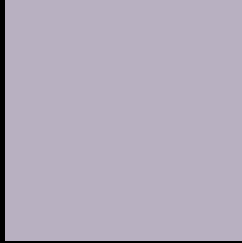
Large Text (above 18pt) WCAG AA × Fail

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, 9.731, 308.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

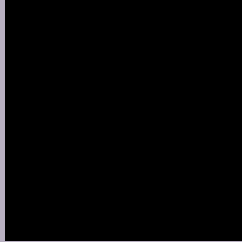
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

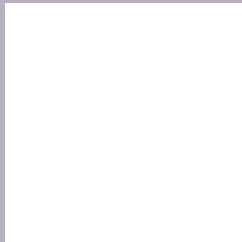
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 9.731, 308.426

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.731, 308.426.



This preview shows how white text looks on a background with the CIELCh color 73, 9.731, 308.426.

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, 9.731, 308.426

Protanopia

73, 8.695, 291.020

Deuteranopia

73, 12.401, 319.247



Tritanopia
73, 7.549, 310.675

Trichromacy



Original Color
73, 9.731, 308.426

Protanomaly
73, 9.325, 297.730

Deuteranomaly
73, 11.417, 315.622

Tritanomaly
73, 8.060, 309.376

Monochromacy



Original Color
73, 9.731, 308.426

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.459, 309.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.731, 308.426 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(184, 176, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 193)  
}
```

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(184, 176, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.731, 308.426 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(184, 176, 193) }
```

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

```
.border{ border-color:rgb(184, 176, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.731, 308.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 193) }
```

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

```
.background{ background-color: rgb(184,  
176, 193) }
```

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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