

Converting Colors

CIELCh(74, 9.559, 308.284)

Have a look what the booklet for
CIELCh(74, 9.559, 308.284) contains.

CIELCh(74, 9.701, 308.420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 9.701, 308.420)

Conversions

Conversions Part 1

Format	Color
Hex	BBB3C4
RGB	187, 179, 196
RGB Percent	73%, 70%, 77%
CMY	0.2673, 0.2986, 0.2320
CMYK	0.05, 0.09, 0.00, 0.23
HSL	268°, 13%, 73%
HSV	268°, 9%, 77%
XYZ	46.4925, 46.7039, 58.6971
YIQ	183.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

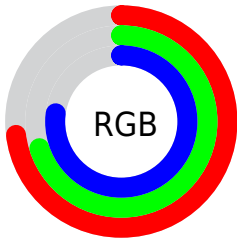
Format	Color
RYB	187, 179, 196
Decimal	12301252
CIELab	74.00, 6.03, -7.60
CIELCh	74, 9.701, 308.420
Yxy	46.7039, 0.3061, 0.3075
Android (android.graphics.Color)	4290491332 (0xFFBBB3C4)
YUV	183.3300, 6.2463, 3.2186
Hunter-Lab	68.3403, 1.8396, -3.0857

Details

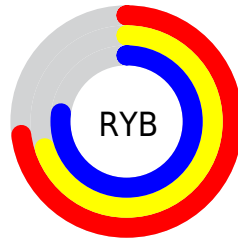
The CIELCh color $74, 9.701, 308.420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 9.569, 127.653$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.721, 307.430$, and $54, 9.778, 309.551$ is the 20% darker color. If you saturate the color by 10%, you get $68, 21.179, 308.923$, and if you desaturate by 10%, it is $80, 1.445, 128.049$.

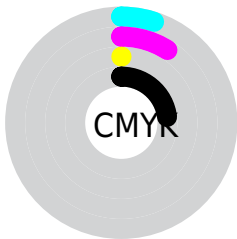
Distribution



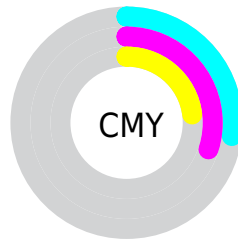
- Red (73%)
- Green (70%)
- Blue (77%)



- Red (73%)
- Yellow (70%)
- Blue (77%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.701, 308.420 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 74, 9.701, 308.420 by changing the saturation by 10% instead.

■ 74, 9.701, 308.420

■ 74, 9.701, 308.420

■ 100, 9.701,
308.420

■ 64, 9.701, 308.420

■ 94, 9.701, 308.420

■ 54, 9.701, 308.420

■ 44, 9.701, 308.420

■ 34, 9.701, 308.420

■ 24, 9.701, 308.420

■ 14, 9.701, 308.420

■ 4, 9.701, 308.420

■ 0, 9.701, 308.420

■ 74, 9.701, 308.420

■ 74, 9.701, 308.420

68, 21.179,
308.923

80, 1.445, 128.049

62, 32.960,
309.467

86, 12.243,
127.579

57, 44.962,
310.039

92, 22.698,
127.217

51, 57.027,
310.615

97, 31.559,
126.218

46, 68.878,
311.152

98, 30.496,
119.470

41, 80.053,
311.585

98, 29.906,
112.208

36, 89.867,
311.817

99, 29.804,
107.912

33, 97.468,
311.727

30, 102.400,

311.262

Harmonies

Complementary

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



74, 9.701, 308.420



78, 9.569, 127.653

Rectangle

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



74, 9.701, 308.420



74, 9.701, 358.420



74, 9.701, 128.420



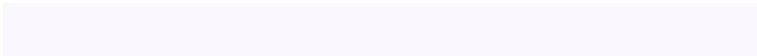
74, 9.701, 178.420

Sweetspot

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



74, 9.699, 308.417



98, 4.126, 308.135



76, 5.320, 252.872



52, 3.130, 308.179



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 9.699, 308.417



93, 13.878, 308.490



75, 11.035, 323.982



38, 6.289, 308.451



24, 88.786, 311.366



2, 20.117, 304.330

Inverse Universe

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



75, 8.012, 342.746



93, 11.458, 342.878



77, 11.011, 143.092



38, 5.194, 342.807



34, 60.431, 358.768



3, 16.102, 350.557

Previews

White Background



This preview shows how the CIELCh color 74, 9.701, 308.420 looks on a white background.

Color Contrast Check

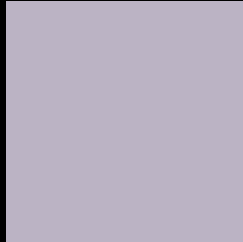
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 9.701, 308.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

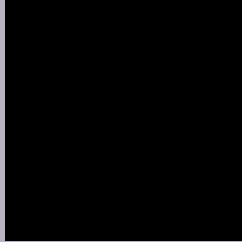
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 9.701, 308.420

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.701, 308.420.

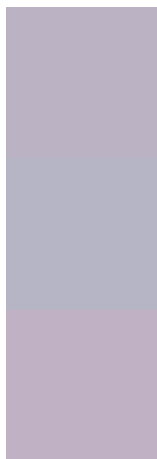


This preview shows how white text looks on a background with the CIELCh color 74, 9.701, 308.420.

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


74, 9.701, 308.420

Protanopia

74, 8.668, 291.007

Deuteranopia

74, 11.893, 320.477



Tritanopia
74, 8.044, 309.373

Trichromacy



Original Color
74, 9.701, 308.420

Protanomaly
74, 9.296, 297.720

Deuteranomaly
74, 10.895, 316.800

Tritanomaly
74, 8.558, 308.236

Monochromacy



Original Color
74, 9.701, 308.420

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.968, 306.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.701, 308.420 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, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(187, 179, 196)  
}
```

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, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 179, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.701, 308.420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

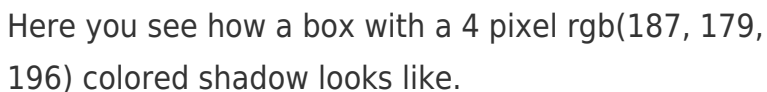
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 179, 196) }
```

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

```
.border{ border-color:rgb(187, 179, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 179, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 179, 196); box-shadow:4px 4px 4px 4px rgb(187, 179, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.701, 308.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 179, 196) }
```

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

```
.background{ background-color: rgb(187,  
179, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor