

Converting Colors

CIELCh(74, 4.153, 304.076)

Have a look what the booklet for
CIELCh(74, 4.153, 304.076) contains.

CIELCh(74, 3.877, 301.469)	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, 3.877, 301.469)

Conversions

Conversions Part 1

Format	Color
Hex	B7B5BC
RGB	183, 181, 188
RGB Percent	72%, 71%, 74%
CMY	0.2826, 0.2905, 0.2630
CMYK	0.03, 0.04, 0.00, 0.26
HSL	257°, 5%, 72%
HSV	257°, 4%, 74%
XYZ	45.0891, 46.7039, 54.1735
YIQ	182.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

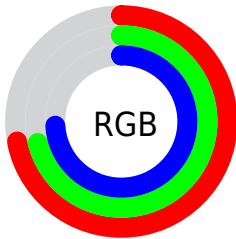
Format	Color
RYB	183, 181, 188
Decimal	12039612
CIELab	74.00, 2.02, -3.31
CIELCh	74, 3.877, 301.469
Yxy	46.7039, 0.3089, 0.3200
Android (android.graphics.Color)	4290229692 (0xFFB7B5BC)
YUV	182.3960, 2.7628, 0.5297
Hunter-Lab	68.3403, -1.8259, 0.8389

Details

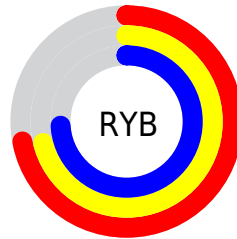
The CIELCh color `74, 3.877, 301.469` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 3.832, 121.050`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 3.689, 301.418`, and `54, 4.128, 301.551` is the 20% darker color. If you saturate the color by 10%, you get `68, 14.519, 302.103`, and if you desaturate by 10%, it is `80, 6.393, 120.918`.

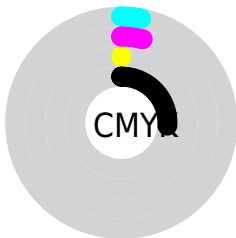
Distribution



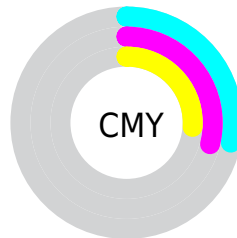
- Red (72%)
- Green (71%)
- Blue (74%)



- Red (72%)
- Yellow (71%)
- Blue (74%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 3.877, 301.469 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, 3.877, 301.469 by changing the saturation by 10% instead.

■ 74, 3.877, 301.469

■ 74, 3.877, 301.469

100, 3.877,
301.469

■ 64, 3.877, 301.469

■ 94, 3.877, 301.469

■ 54, 3.877, 301.469

■ 44, 3.877, 301.469

■ 34, 3.877, 301.469

■ 24, 3.877, 301.469

■ 14, 3.877, 301.469

■ 4, 3.877, 301.469

■ 0, 3.877, 301.469

■ 74, 3.877, 301.469

■ 74, 3.877, 301.469

68, 14.519,
302.103

80, 6.393, 120.918

62, 25.547,
302.830

86, 16.302,
120.432

56, 36.946,
303.646

92, 25.871,
120.015

50, 48.666,
304.543

97, 34.520,
119.201

44, 60.574,
305.498

98, 33.800,
110.796

39, 72.390,
306.457

99, 33.736,
107.609

34, 83.577,
307.324

30, 93.251,
307.949

26, 100.272,

Harmonies

Complementary

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



74, 3.877, 301.469



76, 3.832, 121.050

Rectangle

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



74, 3.877, 301.469



74, 3.877, 351.469



74, 3.877, 121.469



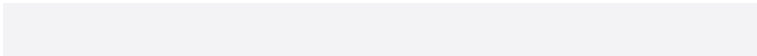
74, 3.877, 171.469

Sweetspot

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



74, 3.875, 301.457



96, 1.292, 301.271



75, 2.113, 229.957



51, 0.735, 301.266



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 3.875, 301.457



94, 5.163, 301.479



74, 4.320, 318.426



38, 2.963, 301.517



20, 90.942, 308.247



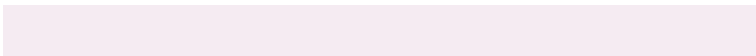
1, 17.647, 298.537

Inverse Universe

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



74, 3.774, 333.864



94, 5.028, 333.894



76, 4.295, 138.195



39, 2.884, 333.945



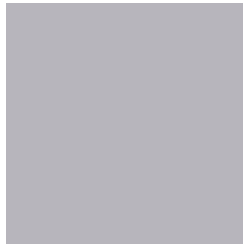
35, 65.335, 343.581



3, 16.286, 338.961

Previews

White Background



This preview shows how the CIELCh color 74, 3.877, 301.469 looks on a white background.

Color Contrast Check

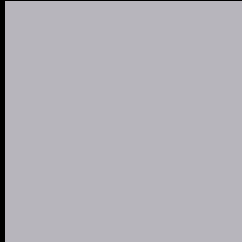
Large Text (above 18pt) WCAG AA × Fail

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 74, 3.877, 301.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

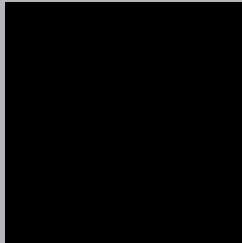
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

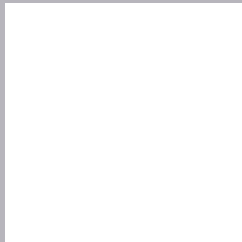
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 3.877, 301.469

Background



This preview shows how black text looks on a background with the CIELCh color 74, 3.877, 301.469.

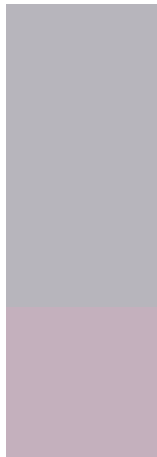


This preview shows how white text looks on a background with the CIELCh color 74, 3.877, 301.469.

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, 3.877, 301.469

Protanopia

74, 3.877, 301.469

Deuteranopia

74, 10.272, 337.077



Tritanopia
74, 7.749, 301.688

Trichromacy



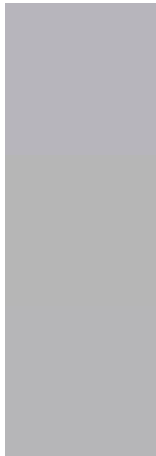
Original Color
74, 3.877, 301.469

Protanomaly
74, 3.877, 301.469

Deuteranomaly
74, 7.697, 329.334

Tritanomaly
74, 6.689, 303.380

Monochromacy



Original Color
74, 3.877, 301.469

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 1.090, 290.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 3.877, 301.469 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(183, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(183, 181, 188)  
}
```

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(183, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 181, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 3.877, 301.469 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(183, 181, 188) }
```

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

```
.border{ border-color:rgb(183, 181, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 181, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 181, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 181, 188);  
box-shadow:4px 4px 4px 4px rgb(183, 181,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 3.877, 301.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 181, 188) }
```

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

```
.background{ background-color: rgb(183,  
181, 188) }
```

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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