

Converting Colors

CIELCh(74, 7.508, 301.675)

Have a look what the booklet for
CIELCh(74, 7.508, 301.675) contains.

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Color

CIELCh(74, 7.749, 301.688)

Conversions

Conversions Part 1

Format	Color
Hex	B8B4C2
RGB	184, 180, 194
RGB Percent	72%, 71%, 76%
CMY	0.2786, 0.2943, 0.2394
CMYK	0.05, 0.07, 0.00, 0.24
HSL	257°, 10%, 73%
HSV	257°, 7%, 76%
XYZ	45.8028, 46.7039, 57.6147
YIQ	182.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

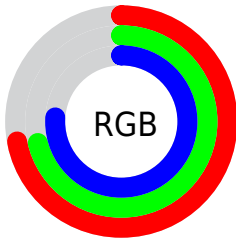
Format	Color
RYB	184, 180, 194
Decimal	12104898
CIELab	74.00, 4.07, -6.59
CIELCh	74, 7.749, 301.688
Yxy	46.7039, 0.3051, 0.3111
Android (android.graphics.Color)	4290294978 (0xFFB8B4C2)
YUV	182.7920, 5.5255, 1.0594
Hunter-Lab	68.3403, 0.0381, -2.1466

Details

The CIELCh color $74, 7.749, 301.688$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 7.629, 120.848$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.370, 301.592$, and $54, 7.687, 302.611$ is the 20% darker color. If you saturate the color by 10%, you get $68, 18.807, 302.355$, and if you desaturate by 10%, it is $80, 2.922, 121.118$.

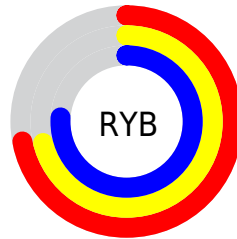
Distribution



Red (72%)

Green (71%)

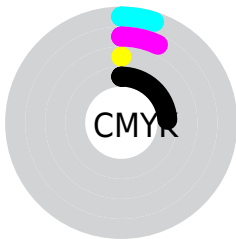
Blue (76%)



Red (72%)

Yellow (71%)

Blue (76%)

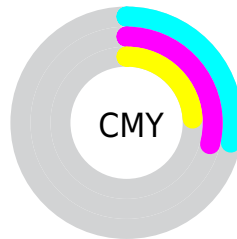


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.749, 301.688 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, 7.749, 301.688 by changing the saturation by 10% instead.

■ 74, 7.749, 301.688

■ 74, 7.749, 301.688

■ 100, 7.749,
301.688

■ 64, 7.749, 301.688

■ 94, 7.749, 301.688

■ 54, 7.749, 301.688

■ 44, 7.749, 301.688

■ 34, 7.749, 301.688

■ 24, 7.749, 301.688

■ 14, 7.749, 301.688

■ 4, 7.749, 301.688

■ 0, 7.749, 301.688

■ 74, 7.749, 301.688

■ 74, 7.749, 301.688

68, 18.807,
302.355

80, 2.922, 121.118

62, 30.260,
303.115

86, 13.215,
120.598

56, 42.082,
303.963

92, 23.152,
120.158

50, 54.198,
304.886

98, 31.365,
118.624

44, 66.426,
305.852

99, 30.755,
109.081

38, 78.395,
306.794

99, 30.744,
107.839

33, 89.431,
307.594

29, 98.495,
308.084

27, 104.550,

Harmonies

Complementary

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



74, 7.749, 301.688



78, 7.629, 120.848

Rectangle

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



74, 7.749, 301.688



74, 7.749, 351.688



74, 7.749, 121.688



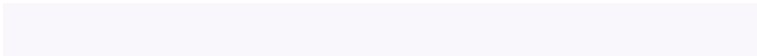
74, 7.749, 171.688

Sweetspot

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



74, 7.747, 301.683



98, 2.643, 301.355



76, 4.171, 230.086



53, 1.515, 301.348



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, 7.747, 301.683



92, 12.007, 301.806



75, 8.615, 318.599



38, 6.104, 301.821



21, 92.030, 308.237



2, 19.717, 298.801

Inverse Universe

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



75, 7.524, 334.146



93, 11.640, 334.286



77, 8.569, 138.013



38, 5.917, 334.302



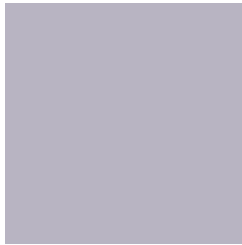
36, 66.086, 343.619



4, 18.492, 339.376

Previews

White Background



This preview shows how the CIELCh color 74, 7.749, 301.688 looks on a white background.

Color Contrast Check

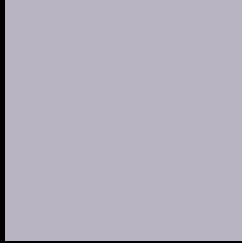
Large Text (above 18pt) WCAG AA × Fail

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, 7.749, 301.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

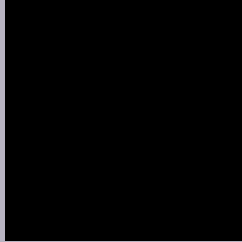
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

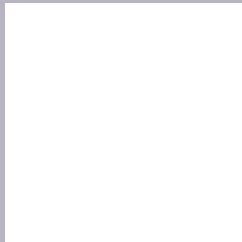
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.749, 301.688

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.749, 301.688.

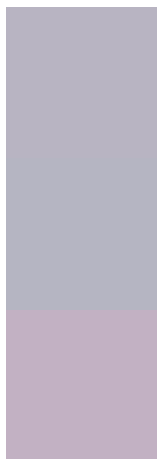


This preview shows how white text looks on a background with the CIELCh color 74, 7.749, 301.688.

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, 7.749, 301.688

Protanopia

74, 7.045, 290.856

Deuteranopia

74, 11.622, 323.396



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color
74, 7.749, 301.688

Protanomaly
74, 7.059, 293.792

Deuteranomaly
74, 10.251, 316.264

Tritanomaly
74, 7.749, 301.688

Monochromacy



Original Color
74, 7.749, 301.688

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.742, 298.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.749, 301.688 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, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 194)  
}
```

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, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.749, 301.688 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, 180, 194) }
```

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

```
.border{ border-color:rgb(184, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.749, 301.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 194) }
```

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

```
.background{ background-color: rgb(184,  
180, 194) }
```

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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