

Converting Colors

CIELCh(74, 1.028, 83.398)

Have a look what the booklet for
CIELCh(74, 1.028, 83.398) contains.

CIELCh(74, 1.131, 90.728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 1.131, 90.728)

Conversions

Conversions Part 1

Format	Color
Hex	B7B6B4
RGB	183, 182, 180
RGB Percent	72%, 71%, 71%
CMY	0.2831, 0.2870, 0.2949
CMYK	0.00, 0.01, 0.02, 0.28
HSL	40°, 2%, 71%
HSV	40°, 2%, 72%
XYZ	44.3858, 46.7039, 49.7489
YIQ	182.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

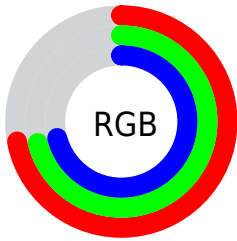
Format	Color
RYB	182, 183, 180
Decimal	12039860
CIELab	74.00, -0.01, 1.13
CIELCh	74, 1.131, 90.728
Yxy	46.7039, 0.3152, 0.3316
Android (android.graphics.Color)	4290229940 (0xFFB7B6B4)
YUV	182.0710, -1.0210, 0.8147
Hunter-Lab	68.3403, -3.6630, 4.6775

Details

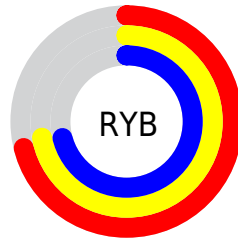
The CIELCh color **74, 1.131, 90.728** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 1.148, 271.605**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 1.073, 90.714**, and **54, 1.207, 90.709** is the 20% darker color. If you saturate the color by 10%, you get **72, 8.169, 89.752**, and if you desaturate by 10%, it is **76, 5.758, 272.240**.

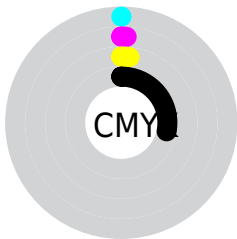
Distribution



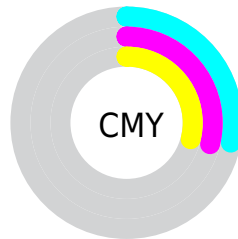
- Red (72%)
- Green (71%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 1.131, 90.728 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, 1.131, 90.728 by changing the saturation by 10% instead.

■ 74, 1.131, 90.728 ■ 74, 1.131, 90.728

100, 1.131, 90.728 ■ 64, 1.131, 90.728

■ 94, 1.131, 90.728 ■ 54, 1.131, 90.728

■ 44, 1.131, 90.728

■ 34, 1.131, 90.728

■ 24, 1.131, 90.728

■ 14, 1.131, 90.728

■ 4, 1.131, 90.728

■ 0, 1.131, 90.728

■ 74, 1.131, 90.728 ■ 74, 1.131, 90.728

72, 8.169, 89.752

76, 5.758, 272.240

70, 15.352, 88.487

78, 12.508,
273.357

68, 22.668, 87.173

80, 19.126,
274.437

66, 30.081, 85.819

64, 37.510, 84.422

83, 25.623,
275.467

62, 44.799, 82.970

84, 24.110,
269.291

61, 51.656, 81.427

59, 57.591, 79.717

86, 21.989,
260.854

57, 61.909, 77.697

87, 20.422,
250.976

89, 19.528,
239.938

91, 19.384,
228.398

Harmonies

Complementary

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



74, 1.131, 90.728



74, 1.148, 271.605

Rectangle

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



74, 1.131, 90.728



74, 1.131, 140.728



74, 1.131, 270.728



74, 1.131, 320.728

Sweetspot

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



74, 1.132, 90.815



94, 0.011, 296.813



74, 1.253, 353.492



50, 0.007, 296.813



97, 0.011, 296.813

Same Dimension

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



74, 1.132, 90.815



93, 1.708, 90.806



74, 1.624, 116.590



39, 0.786, 90.812



48, 57.076, 76.155



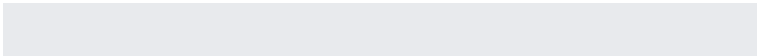
6, 9.692, 80.458

Inverse Universe

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



74, 1.148, 271.605



93, 1.727, 271.616



73, 1.647, 296.822



38, 0.795, 271.610



26, 66.797, 296.168



3, 11.824, 277.795

Previews

White Background



This preview shows how the CIELCh color 74, 1.131, 90.728 looks on a white background.

Color Contrast Check

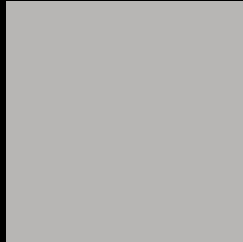
Large Text (above 18pt) WCAG AA × Fail

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, 1.131, 90.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

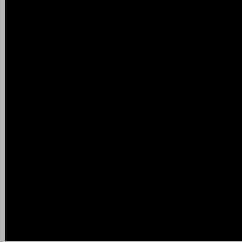
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

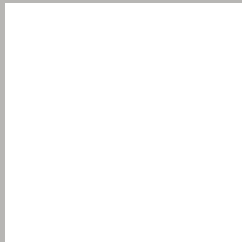
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 1.131, 90.728

Background



This preview shows how black text looks on a background with the CIELCh color 74, 1.131, 90.728.



This preview shows how white text looks on a background with the CIELCh color 74, 1.131, 90.728.

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, 1.131, 90.728

Protanopia

74, 2.154, 49.343

Deuteranopia

74, 9.493, 3.711



Tritanopia
74, 7.829, 304.304

Trichromacy



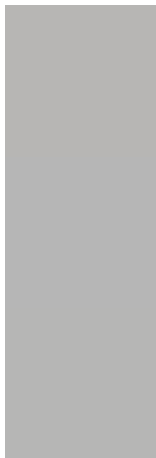
Original Color
74, 1.131, 90.728

Protanomaly
74, 1.836, 55.193

Deuteranomaly
74, 6.257, 4.884

Tritanomaly
74, 4.489, 304.785

Monochromacy



Original Color
74, 1.131, 90.728

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 0.531, 110.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 1.131, 90.728 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, 182, 180)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 180)  
}
```

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, 182, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 1.131, 90.728 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, 182, 180) }
```

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

```
.border{ border-color:rgb(183, 182, 180) }
```

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

Here you see how a box with a 4 pixel rgb(183, 182, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 180);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 1.131, 90.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 180) }
```

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

```
.background{ background-color: rgb(183,  
182, 180) }
```

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