

Converting Colors

CIELCh(74, 7.526, 130.117)

Have a look what the booklet for
CIELCh(74, 7.526, 130.117) contains.

CIELCh(74, 7.518, 130.119)	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, 7.518, 130.119)

Conversions

Conversions Part 1

Format	Color
Hex	B1B8AB
RGB	177, 184, 171
RGB Percent	69%, 72%, 67%
CMY	0.3050, 0.2775, 0.3285
CMYK	0.04, 0.00, 0.07, 0.28
HSL	92°, 8%, 70%
HSV	92°, 7%, 72%
XYZ	42.7483, 46.7039, 45.4073
YIQ	180.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

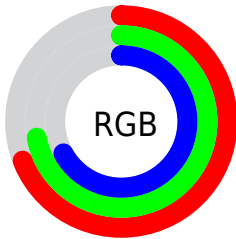
Format	Color
RYB	171, 184, 178
Decimal	11647147
CIELab	74.00, -4.84, 5.75
CIELCh	74, 7.518, 130.119
Yxy	46.7039, 0.3170, 0.3463
Android (android.graphics.Color)	4289837227 (0xFFB1B8AB)
YUV	180.4250, -4.6465, -3.0037
Hunter-Lab	68.3403, -7.9398, 8.4442

Details

The CIELCh color $74, 7.518, 130.119$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 7.598, 310.688$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 7.631, 128.830$, and $54, 7.474, 131.568$ is the 20% darker color. If you saturate the color by 10%, you get $73, 18.214, 129.664$, and if you desaturate by 10%, it is $75, 3.135, 310.485$.

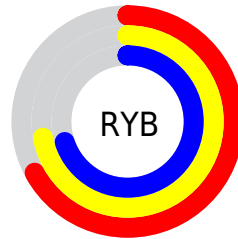
Distribution



Red (69%)

Green (72%)

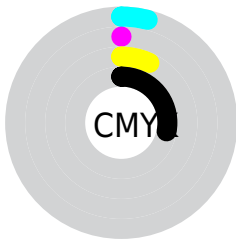
Blue (67%)



Red (67%)

Yellow (72%)

Blue (70%)

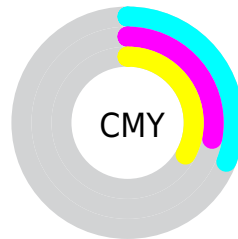


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 7.518, 130.119 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, 7.518, 130.119 by changing the saturation by 10% instead.

■ 74, 7.518, 130.119

■ 74, 7.518, 130.119

■ 100, 7.518,
130.119

■ 64, 7.518, 130.119

■ 94, 7.518, 130.119

■ 54, 7.518, 130.119

■ 44, 7.518, 130.119

■ 34, 7.518, 130.119

■ 24, 7.518, 130.119

■ 14, 7.518, 130.119

■ 4, 7.518, 130.119

■ 0, 7.518, 130.119

■ 74, 7.518, 130.119

■ 74, 7.518, 130.119

73, 18.214,
129.664

75, 3.135, 310.485

72, 28.870,
129.188

77, 13.695,
310.895

71, 39.379,
128.706

78, 24.123,
311.241

70, 49.585,
128.250

79, 34.391,
311.549

69, 59.264,
127.868

81, 40.389,
313.788

68, 68.102,
127.642

82, 41.578,
318.268

68, 75.686,
127.679

83, 42.993,
322.551

67, 81.566,
128.107

83, 44.340,
325.960

67, 85.511,

128.990

Harmonies

Complementary

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



74, 7.518, 130.119



71, 7.598, 310.688

Rectangle

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



74, 7.518, 130.119



74, 7.518, 180.119



74, 7.518, 310.119



74, 7.518, 0.119

Sweetspot

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



74, 7.520, 130.124



94, 2.627, 130.378



73, 4.392, 78.001



50, 1.492, 130.386



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



74, 7.520, 130.124



93, 10.558, 130.075



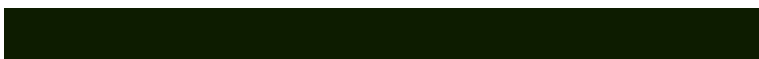
74, 8.413, 144.965



38, 6.023, 130.020



57, 76.173, 129.049



8, 17.042, 134.309

Inverse Universe

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



71, 7.598, 310.688



89, 10.678, 310.738



71, 8.430, 325.701



36, 6.098, 310.793



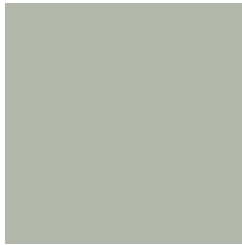
25, 85.436, 312.960



2, 16.059, 306.222

Previews

White Background



This preview shows how the CIELCh color 74, 7.518, 130.119 looks on a white background.

Color Contrast Check

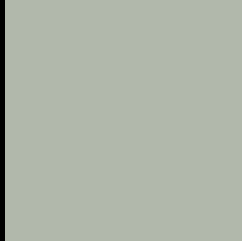
Large Text (above 18pt) WCAG AA × Fail

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, 7.518, 130.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

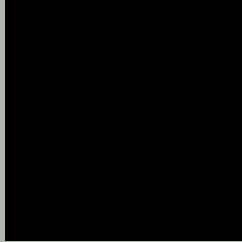
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

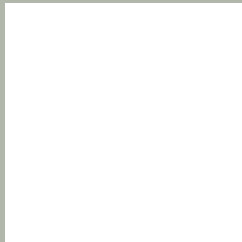
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 7.518, 130.119

Background



This preview shows how black text looks on a background with the CIELCh color 74, 7.518, 130.119.



This preview shows how white text looks on a background with the CIELCh color 74, 7.518, 130.119.

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

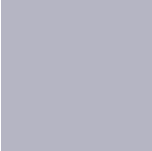
74, 7.518, 130.119

Protanopia

74, 6.498, 85.184

Deuteranopia

74, 10.557, 28.992



Tritanopia
74, 7.586, 290.907

Trichromacy



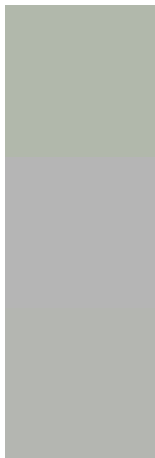
Original Color
74, 7.518, 130.119

Protanomaly
74, 6.508, 102.803

Deuteranomaly
74, 6.882, 52.931

Tritanomaly
74, 2.281, 271.622

Monochromacy



Original Color
74, 7.518, 130.119

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.805, 125.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 7.518, 130.119 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(177, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(177, 184, 171)  
}
```

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(177, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 184, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 7.518, 130.119 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(177, 184, 171) }
```

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

```
.border{ border-color:rgb(177, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(177, 184,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 7.518, 130.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 184, 171) }
```

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

```
.background{ background-color: rgb(177,  
184, 171) }
```

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