

Converting Colors

CIELCh(74, 5.625, 115.688)

Have a look what the booklet for
CIELCh(74, 5.625, 115.688) contains.

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Color

CIELCh(74, 5.449, 117.633)

Conversions

Conversions Part 1

Format	Color
Hex	B5B7AD
RGB	181, 183, 173
RGB Percent	71%, 72%, 68%
CMY	0.2902, 0.2824, 0.3216
CMYK	0.01, 0.00, 0.05, 0.28
HSL	72°, 6%, 70%
HSV	72°, 5%, 72%
XYZ	43.5288, 46.7039, 46.2526
YIQ	181.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

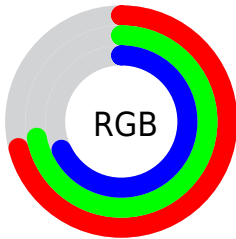
Format	Color
RYB	173, 183, 175
Decimal	11909037
CIELab	74.00, -2.53, 4.83
CIELCh	74, 5.449, 117.633
Yxy	46.7039, 0.3189, 0.3422
Android (android.graphics.Color)	4290099117 (0xFFB5B7AD)
YUV	181.2620, -4.0732, -0.2298
Hunter-Lab	68.3403, -5.9015, 7.7108

Details

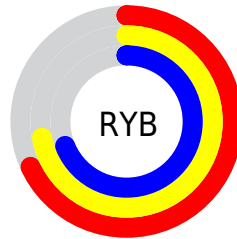
The CIELCh color `74, 5.449, 117.633` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 5.527, 298.377`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 5.690, 116.972`, and `54, 5.236, 118.420` is the 20% darker color. If you saturate the color by 10%, you get `73, 15.412, 116.965`, and if you desaturate by 10%, it is `75, 4.539, 298.297`.

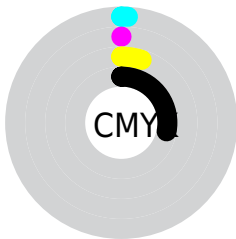
Distribution



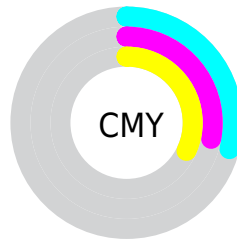
- Red (71%)
- Green (72%)
- Blue (68%)



- Red (68%)
- Yellow (72%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.449, 117.633 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, 5.449, 117.633 by changing the saturation by 10% instead.

■ 74, 5.449, 117.633

■ 74, 5.449, 117.633

■ 100, 5.449,
117.633

■ 64, 5.449, 117.633

■ 94, 5.449, 117.633

■ 54, 5.449, 117.633

■ 44, 5.449, 117.633

■ 34, 5.449, 117.633

■ 24, 5.449, 117.633

■ 14, 5.449, 117.633

■ 4, 5.449, 117.633

■ 0, 5.449, 117.633

■ 74, 5.449, 117.633

■ 74, 5.449, 117.633

73, 15.412,
116.965

75, 4.539, 298.297

73, 25.284,
116.280

76, 14.516,
298.929

72, 34.976,
115.606

76, 24.449,
299.527

72, 44.353,
114.972

77, 34.314,
300.090

71, 53.214,
114.420

78, 39.107,
301.241

71, 61.261,
114.008

78, 39.275,
302.966

70, 68.092,
113.813

79, 39.476,
304.690

70, 73.256,
113.928

79, 39.709,
306.410

70, 76.438,

79, 39.975,
308.122

114.425

Harmonies

Complementary

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



74, 5.449, 117.633



71, 5.527, 298.377

Rectangle

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



74, 5.449, 117.633



74, 5.449, 167.633



74, 5.449, 297.633



74, 5.449, 347.633

Sweetspot

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



74, 5.451, 117.644



94, 2.456, 117.876



72, 3.214, 39.211



50, 1.407, 117.883



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, 5.451, 117.644



93, 8.620, 117.533



74, 6.035, 135.535



39, 4.533, 117.509



60, 68.713, 114.577



9, 15.641, 120.980

Inverse Universe

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



71, 5.527, 298.377



89, 8.762, 298.496



72, 6.074, 315.930



36, 4.610, 298.522



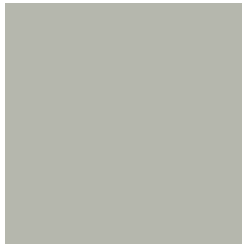
19, 90.988, 307.351



1, 15.484, 296.075

Previews

White Background



This preview shows how the CIELCh color 74, 5.449, 117.633 looks on a white background.

Color Contrast Check

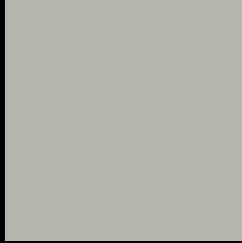
Large Text (above 18pt) WCAG AA × Fail

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, 5.449, 117.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

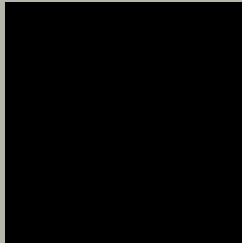
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

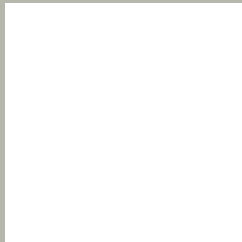
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.449, 117.633

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.449, 117.633.



This preview shows how white text looks on a background with the CIELCh color 74, 5.449, 117.633.

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, 5.449, 117.633

Protanopia

74, 5.352, 84.366

Deuteranopia

74, 10.073, 26.311



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color
74, 5.449, 117.633

Protanomaly
74, 5.501, 97.659

Deuteranomaly
74, 6.333, 44.905

Tritanomaly
74, 2.823, 305.603

Monochromacy



Original Color
74, 5.449, 117.633

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 2.190, 119.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 5.449, 117.633 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(181, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 173)  
}
```

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(181, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.449, 117.633 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(181, 183, 173) }
```

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

```
.border{ border-color:rgb(181, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.449, 117.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 173) }
```

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

```
.background{ background-color: rgb(181,  
183, 173) }
```

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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