

Converting Colors

CIELCh(74, 5.892, 115.780)

Have a look what the booklet for
CIELCh(74, 5.892, 115.780) contains.

CIELCh(74, 5.984, 116.880)	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, 5.984, 116.880)

Conversions

Conversions Part 1

Format	Color
Hex	B5B7AC
RGB	181, 183, 172
RGB Percent	71%, 72%, 67%
CMY	0.2900, 0.2821, 0.3253
CMYK	0.01, 0.00, 0.06, 0.28
HSL	71°, 7%, 70%
HSV	71°, 6%, 72%
XYZ	43.4684, 46.7039, 45.7836
YIQ	181.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

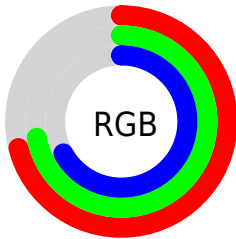
Format	Color
RYB	172, 183, 174
Decimal	11909036
CIELab	74.00, -2.71, 5.34
CIELCh	74, 5.984, 116.880
Yxy	46.7039, 0.3197, 0.3435
Android (android.graphics.Color)	4290099116 (0xFFB5B7AC)
YUV	181.1480, -4.5100, -0.1298
Hunter-Lab	68.3403, -6.0591, 8.1177

Details

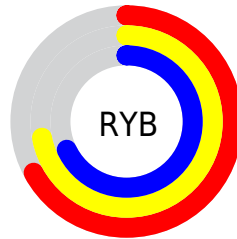
The CIELCh color **74, 5.984, 116.880** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 6.075, 297.728**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 6.199, 116.345**, and **54, 5.803, 117.497** is the 20% darker color. If you saturate the color by 10%, you get **73, 15.927, 116.189**, and if you desaturate by 10%, it is **75, 3.989, 297.570**.

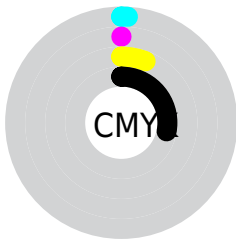
Distribution



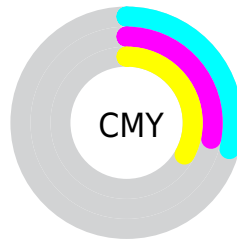
- Red (71%)
- Green (72%)
- Blue (67%)



- Red (67%)
- Yellow (72%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 5.984, 116.880 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, 5.984, 116.880 by changing the saturation by 10% instead.

■ 74, 5.984, 116.880

■ 74, 5.984, 116.880

■ 100, 5.984,
116.880

■ 64, 5.984, 116.880

■ 94, 5.984, 116.880

■ 54, 5.984, 116.880

■ 44, 5.984, 116.880

■ 34, 5.984, 116.880

■ 24, 5.984, 116.880

■ 14, 5.984, 116.880

■ 4, 5.984, 116.880

■ 0, 5.984, 116.880

■ 74, 5.984, 116.880

■ 74, 5.984, 116.880

73, 15.927,
116.189

75, 3.989, 297.570

73, 25.771,
115.483

76, 13.955,
298.225

72, 35.429,
114.789

76, 23.882,
298.847

72, 44.760,
114.137

77, 33.746,
299.433

71, 53.558,
113.568

78, 39.004,
300.465

71, 61.519,
113.139

78, 39.142,
302.034

70, 68.235,
112.927

78, 39.307,
303.604

70, 73.253,
113.018

79, 39.499,
305.173

70, 76.287,

79, 39.719,
306.737

Harmonies

Complementary

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



74, 5.984, 116.880



71, 6.075, 297.728

Rectangle

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



74, 5.984, 116.880



74, 5.984, 166.880



74, 5.984, 296.880



74, 5.984, 346.880

Sweetspot

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



74, 5.986, 116.890



94, 2.451, 117.166



72, 3.617, 35.516



50, 1.405, 117.173



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, 5.986, 116.890



93, 8.603, 116.814



74, 6.580, 134.446



39, 4.524, 116.789



60, 68.433, 113.580



9, 15.575, 120.010

Inverse Universe

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



71, 6.075, 297.728



89, 8.747, 297.811



71, 6.627, 314.890



36, 4.603, 297.838



19, 91.194, 307.198



1, 15.469, 295.554

Previews

White Background



This preview shows how the CIELCh color 74, 5.984, 116.880 looks on a white background.

Color Contrast Check

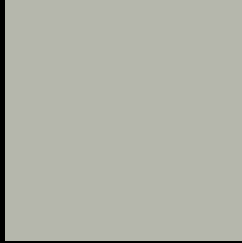
Large Text (above 18pt) WCAG AA × Fail

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, 5.984, 116.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

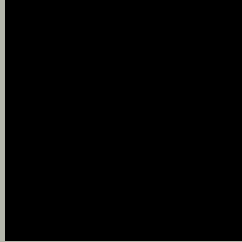
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

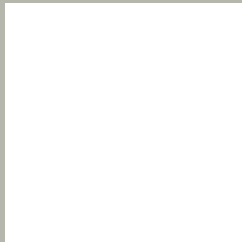
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 5.984, 116.880

Background



This preview shows how black text looks on a background with the CIELCh color 74, 5.984, 116.880.



This preview shows how white text looks on a background with the CIELCh color 74, 5.984, 116.880.

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, 5.984, 116.880

Protanopia

74, 6.007, 83.152

Deuteranopia

74, 10.073, 26.311



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color
74, 5.984, 116.880

Protanomaly
74, 6.030, 98.651

Deuteranomaly
74, 6.591, 49.088

Tritanomaly
74, 2.823, 305.603

Monochromacy



Original Color
74, 5.984, 116.880

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, 5.984, 116.880 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 5.984, 116.880 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, 172) }
```

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

```
.border{ border-color:rgb(181, 183, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 5.984, 116.880 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, 172) }
```

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

```
.background{ background-color: rgb(181,  
183, 172) }
```

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