

Converting Colors

CIELCh(74, 2.722, 302.813)

Have a look what the booklet for
CIELCh(74, 2.722, 302.813) contains.

CIELCh(74, 2.823, 305.603)	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, 2.823, 305.603)

Conversions

Conversions Part 1

Format	Color
Hex	B7B5BA
RGB	183, 181, 186
RGB Percent	72%, 71%, 73%
CMY	0.2820, 0.2899, 0.2703
CMYK	0.02, 0.03, 0.00, 0.27
HSL	264°, 3%, 72%
HSV	264°, 3%, 73%
XYZ	44.9573, 46.7039, 53.1428
YIQ	182.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

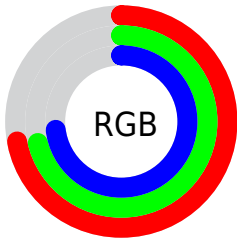
Format	Color
R_{YB}	183, 181, 186
Decimal	12039610
CIE Lab	74.00, 1.64, -2.30
CIE LCh	74, 2.823, 305.603
Yxy	46.7039, 0.3105, 0.3225
Android (android.graphics.Color)	4290229690 (0xFFB7B5BA)
YUV	182.1680, 1.8892, 0.7297
Hunter-Lab	68.3403, -2.1703, 1.7331

Details

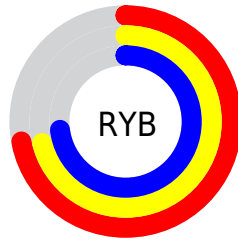
The CIELCh color $74, 2.823, 305.603$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 2.792, 125.389$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 2.686, 305.566$, and $54, 3.004, 305.658$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.510, 306.130$, and if you desaturate by 10%, it is $80, 7.521, 125.169$.

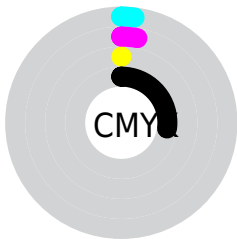
Distribution



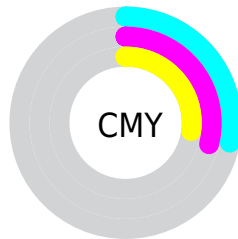
- Red (72%)
- Green (71%)
- Blue (73%)



- Red (72%)
- Yellow (71%)
- Blue (73%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (28%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 2.823, 305.603 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, 2.823, 305.603 by changing the saturation by 10% instead.

■ 74, 2.823, 305.603

■ 74, 2.823, 305.603

100, 2.823,
305.603

■ 64, 2.823, 305.603

■ 94, 2.823, 305.603

■ 54, 2.823, 305.603

■ 44, 2.823, 305.603

■ 34, 2.823, 305.603

■ 24, 2.823, 305.603

■ 14, 2.823, 305.603

■ 4, 2.823, 305.603

■ 0, 2.823, 305.603

■ 74, 2.823, 305.603

■ 74, 2.823, 305.603

68, 13.510,
306.130

80, 7.521, 125.169

63, 24.540,
306.711

85, 17.524,
124.759

57, 35.877,
307.345

91, 27.199,
124.406

51, 47.446,
308.019

97, 36.275,
123.938

46, 59.084,
308.708

97, 35.245,
117.497

41, 70.492,
309.359

98, 34.712,
110.628

36, 81.162,
309.892

99, 34.650,
107.538

32, 90.325,
310.186

29, 97.057,

Harmonies

Complementary

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



74, 2.823, 305.603



75, 2.792, 125.389

Rectangle

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



74, 2.823, 305.603



74, 2.823, 355.603



74, 2.823, 125.603



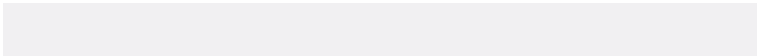
74, 2.823, 175.603

Sweetspot

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



74, 2.821, 305.590



95, 1.305, 305.463



75, 1.528, 242.414



51, 0.748, 305.456



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 2.821, 305.590



93, 3.905, 305.611



74, 3.183, 321.301



38, 2.356, 305.649



22, 87.962, 310.001



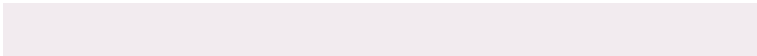
1, 15.739, 301.736

Inverse Universe

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



74, 2.487, 338.671



94, 3.442, 338.715



75, 3.165, 141.184



38, 2.076, 338.788



34, 60.564, 352.417



3, 13.015, 344.993

Previews

White Background



This preview shows how the CIELCh color 74, 2.823, 305.603 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, 2.823, 305.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

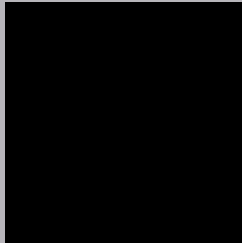
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

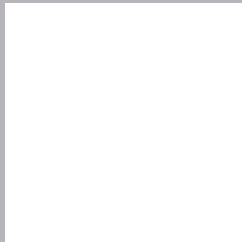
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 2.823, 305.603

Background



This preview shows how black text looks on a background with the CIELCh color 74, 2.823, 305.603.



This preview shows how white text looks on a background with the CIELCh color 74, 2.823, 305.603.

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, 2.823, 305.603

Protanopia

74, 2.945, 312.545

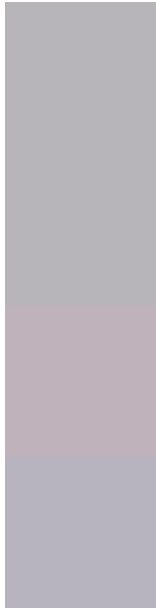
Deuteranopia

74, 9.873, 343.222



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color

74, 2.823, 305.603

Protanomaly

74, 2.945, 312.545

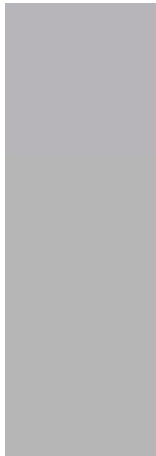
Deuteranomaly

74, 7.164, 337.164

Tritanomaly

74, 6.162, 304.457

Monochromacy



Original Color

74, 2.823, 305.603

Achromatopsia

74, 0.009, 296.813

Achromatomaly

74, 0.550, 290.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 2.823, 305.603 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, 181, 186)` looks like.

```
.text, #text, p{  
    color:rgb(183, 181, 186)  
}
```

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, 181, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 181, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 2.823, 305.603 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, 181, 186) }
```

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

```
.border{ border-color:rgb(183, 181, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 181, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 181, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 181, 186);  
box-shadow:4px 4px 4px 4px rgb(183, 181,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 2.823, 305.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 181, 186) }
```

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

```
.background{ background-color: rgb(183,  
181, 186) }
```

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