

Converting Colors

CIELCh(71, 10.648, 304.826)

Have a look what the booklet for
CIELCh(71, 10.648, 304.826)
contains.

CIELCh(71, 10.732, 304.868)	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(71, 10.732, 304.868)

Conversions

Conversions Part 1

Format	Color
Hex	B2ABBE
RGB	178, 171, 190
RGB Percent	70%, 67%, 75%
CMY	0.3028, 0.3303, 0.2558
CMYK	0.06, 0.10, 0.00, 0.26
HSL	262°, 13%, 71%
HSV	262°, 10%, 74%
XYZ	42.0984, 42.1875, 54.5086
YIQ	175.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

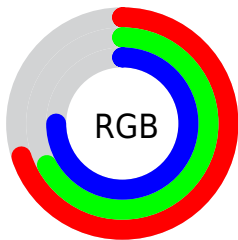
Format	Color
RYB	178, 171, 190
Decimal	11709374
CIELab	71.00, 6.14, -8.81
CIELCh	71, 10.732, 304.868
Yxy	42.1875, 0.3033, 0.3040
Android (android.graphics.Color)	4289899454 (0xFFB2ABBE)
YUV	175.2590, 7.2673, 2.4039
Hunter-Lab	64.9519, 2.0286, -4.2907

Details

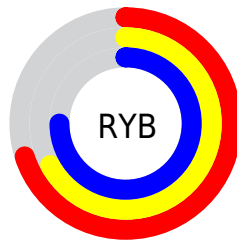
The CIELCh color $71, 10.732, 304.868$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 10.540, 123.841$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 10.789, 305.904$, and $51, 10.791, 303.772$ is the 20% darker color. If you saturate the color by 10%, you get $65, 21.803, 305.462$, and if you desaturate by 10%, it is $77, 0.018, 300.344$.

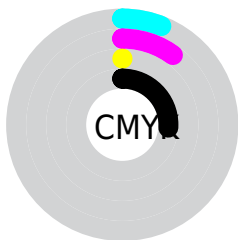
Distribution



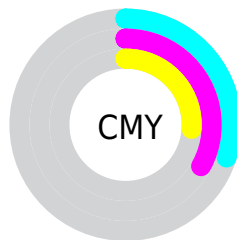
- Red (70%)
- Green (67%)
- Blue (75%)



- Red (70%)
- Yellow (67%)
- Blue (75%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)




- Cyan (30%)
- Magenta (33%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.732, 304.868 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 71, 10.732, 304.868 by changing the saturation by 10% instead.


 71, 10.732,
304.868

 71, 10.732,
304.868


 100, 10.732,
304.868


 61, 10.732,
304.868


 91, 10.732,
304.868

 51, 10.732,
304.868

 41, 10.732,
304.868

 31, 10.732,
304.868

 21, 10.732,
304.868

 11, 10.732,
304.868

 1, 10.732, 304.868

0, 10.732, 304.868

71, 10.732,
304.868

71, 10.732,
304.868

65, 21.803,
305.462

77, 0.018, 300.344

59, 33.218,
306.123

83, 10.337,
123.886

53, 44.921,
306.839

89, 20.344,
123.478

48, 56.785,
307.589

94, 30.021,
123.125

42, 68.562,
308.330

97, 33.537,
118.896

37, 79.803,
308.988

98, 32.898,
111.195

■ 33, 89.780,
309.447

■ 99, 32.822,
107.679

■ 29, 97.526,
309.556

■ 27, 102.720,
309.307

Harmonies

Complementary

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



71, 10.732, 304.868



76, 10.540, 123.841

Rectangle

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



71, 10.732, 304.868



71, 10.732, 354.868



71, 10.732, 124.868



71, 10.732, 174.868

Sweetspot

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



71, 10.730, 304.865



95, 3.950, 304.476



74, 5.684, 240.910



51, 3.021, 304.522



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 10.730, 304.865



89, 16.012, 304.990



72, 12.049, 321.213



37, 6.042, 304.828



22, 89.586, 309.448



2, 17.771, 300.822

Inverse Universe

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



72, 9.685, 337.879



90, 14.428, 338.052



75, 11.999, 140.290



37, 5.456, 337.827



34, 62.213, 349.870



3, 15.216, 343.796

Previews

White Background



This preview shows how the CIELCh color 71, 10.732, 304.868 looks on a white background.

Color Contrast Check

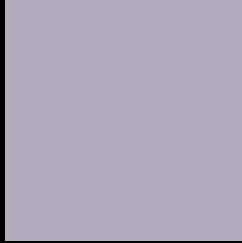
Large Text (above 18pt) WCAG AA × Fail

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 71, 10.732, 304.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

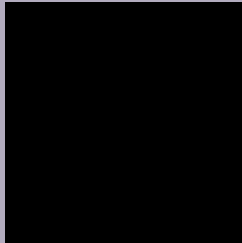
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 10.732, 304.868

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.732, 304.868.



This preview shows how white text looks on a background with the CIELCh color 71, 10.732, 304.868.

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


71, 10.732, 304.868

Protanopia

71, 9.833, 289.056

Deuteranopia

71, 12.629, 315.113



Tritanopia
71, 7.365, 305.285

Trichromacy



Original Color
71, 10.732, 304.868

Protanomaly
71, 10.424, 295.159

Deuteranomaly
71, 11.698, 311.235

Tritanomaly
71, 8.426, 303.483

Monochromacy



Original Color
71, 10.732, 304.868

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.000, 306.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.732, 304.868 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(178, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 190)  
}
```

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(178, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.732, 304.868 is called "border". The border property can be set on classes, ids or directly on the HTML element.

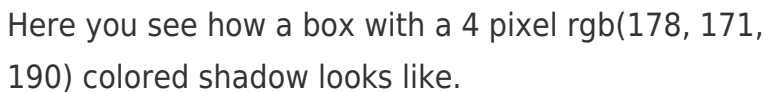
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 171, 190) }
```

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

```
.border{ border-color:rgb(178, 171, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.732, 304.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 190) }
```

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

```
.background{ background-color: rgb(178,  
171, 190) }
```

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