

Converting Colors

CIELCh(71, 3.560, 335.004)

Have a look what the booklet for
CIELCh(71, 3.560, 335.004) contains.

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Color

CIELCh(71, 3.810, 333.892)

Conversions

Conversions Part 1

Format	Color
Hex	B3ACB1
RGB	179, 172, 177
RGB Percent	70%, 67%, 69%
CMY	0.2986, 0.3260, 0.3064
CMYK	0.00, 0.04, 0.01, 0.30
HSL	317°, 4%, 69%
HSV	317°, 4%, 70%
XYZ	41.2055, 42.1875, 47.4926
YIQ	174.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

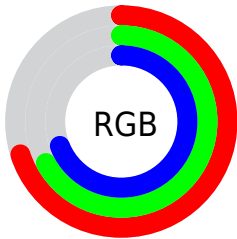
Format	Color
RYB	179, 172, 177
Decimal	11775153
CIELab	71.00, 3.42, -1.68
CIELCh	71, 3.810, 333.892
Yxy	42.1875, 0.3148, 0.3223
Android (android.graphics.Color)	4289965233 (0xFFB3ACB1)
YUV	174.6630, 1.1521, 3.8035
Hunter-Lab	64.9519, -0.4255, 2.1137

Details

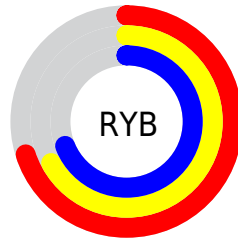
The CIELCh color $71, 3.810, 333.892$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.789, 153.543$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.245, 332.474$, and $51, 3.366, 335.910$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.640, 334.633$, and if you desaturate by 10%, it is $76, 5.845, 153.389$.

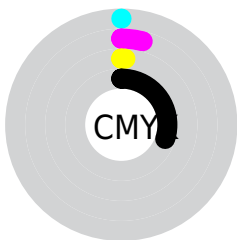
Distribution



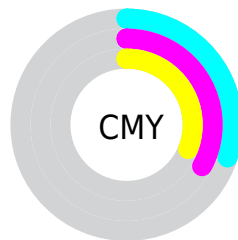
- Red (70%)
- Green (67%)
- Blue (69%)



- Red (70%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.810, 333.892 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, 3.810, 333.892 by changing the saturation by 10% instead.

■ 71, 3.810, 333.892

■ 71, 3.810, 333.892

■ 100, 3.810,
333.892

■ 61, 3.810, 333.892

■ 91, 3.810, 333.892

■ 51, 3.810, 333.892

■ 41, 3.810, 333.892

■ 31, 3.810, 333.892

■ 21, 3.810, 333.892

■ 11, 3.810, 333.892

■ 1, 3.810, 333.892

■ 0, 3.810, 333.892

■ 71, 3.810, 333.892

■ 71, 3.810, 333.892

66, 13.640,
334.633

76, 5.845, 153.389

62, 23.543,
335.362

81, 15.255,
152.752

57, 33.344,
336.131

86, 24.393,
152.173

53, 42.788,
336.951

91, 33.248,
151.631

49, 51.527,
337.839

94, 38.141,
152.209

46, 59.130,
338.820

94, 36.207,
154.978

44, 65.133,
339.929

94, 34.347,
158.036

42, 69.141,
341.222

94, 32.575,
161.419

40, 70.978,

94, 30.908,
165.162

342.766

Harmonies

Complementary

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



71, 3.810, 333.892



72, 3.789, 153.543

Rectangle

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



71, 3.810, 333.892



71, 3.810, 23.892



71, 3.810, 153.892



71, 3.810, 203.892

Sweetspot

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



71, 3.808, 333.897



91, 1.206, 333.478



71, 3.910, 301.391



49, 0.691, 333.458



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 3.808, 333.897



89, 6.020, 333.993



71, 2.777, 2.173



36, 3.307, 334.032



34, 63.796, 343.557



2, 12.349, 338.023

Inverse Universe

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



71, 3.808, 333.897



89, 6.020, 333.993



72, 2.732, 181.814



36, 3.307, 334.032



34, 63.796, 343.557



2, 12.349, 338.023

Previews

White Background



This preview shows how the CIELCh color 71, 3.810, 333.892 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, 3.810, 333.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

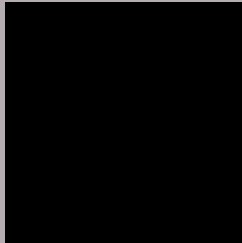
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

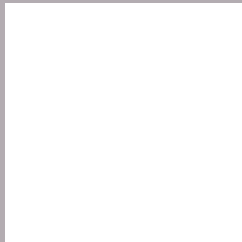
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 3.810, 333.892

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.810, 333.892.



This preview shows how white text looks on a background with the CIELCh color 71, 3.810, 333.892.

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, 3.810, 333.892

Protanopia

71, 2.473, 317.317

Deuteranopia

71, 9.645, 345.862



Tritanopia
71, 7.882, 315.759

Trichromacy



Original Color

71, 3.810, 333.892

Protanomaly

71, 2.667, 324.476

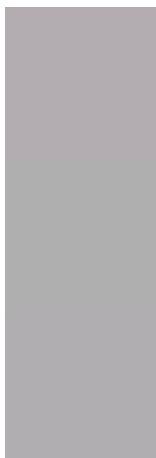
Deuteranomaly

71, 7.799, 341.055

Tritanomaly

71, 6.443, 321.945

Monochromacy



Original Color

71, 3.810, 333.892

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 1.337, 324.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.810, 333.892 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(179, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 177)  
}
```

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(179, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.810, 333.892 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(179, 172, 177) }
```

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

```
.border{ border-color:rgb(179, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.810, 333.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 177) }
```

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

```
.background{ background-color: rgb(179,  
172, 177) }
```

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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