

Converting Colors

CIELCh(71, 4.142, 114.188)

Have a look what the booklet for
CIELCh(71, 4.142, 114.188) contains.

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Color

CIELCh(71, 3.805, 109.784)

Conversions

Conversions Part 1

Format	Color
Hex	AEAEA7
RGB	174, 174, 167
RGB Percent	68%, 68%, 65%
CMY	0.3167, 0.3167, 0.3442
CMYK	0.00, 0.00, 0.04, 0.32
HSL	60°, 4%, 67%
HSV	60°, 4%, 68%
XYZ	39.6862, 42.1875, 42.7236
YIQ	173.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

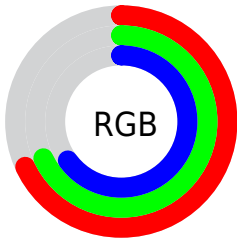
Format	Color
RYB	167, 174, 167
Decimal	11447975
CIELab	71.00, -1.29, 3.58
CIELCh	71, 3.805, 109.784
Yxy	42.1875, 0.3185, 0.3386
Android (android.graphics.Color)	4289638055 (0xFFFAEAE7)
YUV	173.2020, -3.0576, 0.6998
Hunter-Lab	64.9519, -4.6006, 6.4670

Details

The CIELCh color **71, 3.805, 109.784** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 3.855, 290.600**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 3.612, 109.866**, and **51, 4.061, 109.643** is the 20% darker color. If you saturate the color by 10%, you get **71, 13.268, 108.862**, and if you desaturate by 10%, it is **71, 5.687, 290.763**.

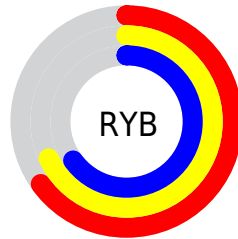
Distribution



Red (68%)

Green (68%)

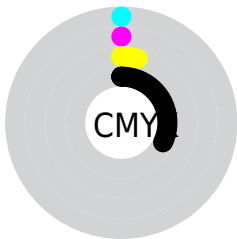
Blue (65%)



Red (65%)

Yellow (68%)

Blue (65%)

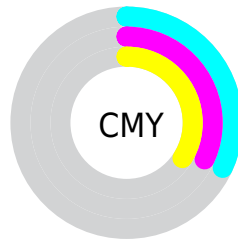


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.805, 109.784 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, 3.805, 109.784 by changing the saturation by 10% instead.

■ 71, 3.805, 109.784

■ 71, 3.805, 109.784

■ 100, 3.805,
109.784

■ 61, 3.805, 109.784

■ 91, 3.805, 109.784

■ 51, 3.805, 109.784

■ 41, 3.805, 109.784

■ 31, 3.805, 109.784

■ 21, 3.805, 109.784

■ 11, 3.805, 109.784

■ 1, 3.805, 109.784

■ 0, 3.805, 109.784

■ 71, 3.805, 109.784

■ 71, 3.805, 109.784

71, 13.268,
108.862

71, 5.687, 290.763

70, 22.646,
107.907

72, 15.179,
291.665

70, 31.860,
106.961

73, 24.645,
292.539

70, 40.789,
106.046

73, 34.068,
293.377

69, 49.245,
105.186

74, 43.436,
294.174

69, 56.949,
104.415

74, 43.782,
294.206

69, 63.520,
103.769

74, 43.782,
294.209

69, 68.519,
103.287

74, 43.782,
294.212

69, 71.600,

74, 43.782,
294.216

Harmonies

Complementary

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



71, 3.805, 109.784



69, 3.855, 290.600

Rectangle

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



71, 3.805, 109.784



71, 3.805, 159.784



71, 3.805, 289.784



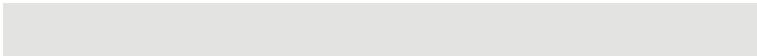
71, 3.805, 339.784

Sweetspot

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



71, 3.807, 109.803



90, 1.166, 110.040



69, 2.667, 19.458



48, 0.668, 110.042



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 3.807, 109.803



90, 5.871, 109.705



71, 4.049, 128.923



37, 3.205, 109.659



60, 65.376, 102.880



7, 11.345, 110.203

Inverse Universe

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



69, 3.855, 290.600



86, 5.954, 290.705



69, 4.086, 309.215



35, 3.252, 290.754



17, 90.269, 306.289



1, 11.347, 290.192

Previews

White Background



This preview shows how the CIELCh color 71, 3.805, 109.784 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, 3.805, 109.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

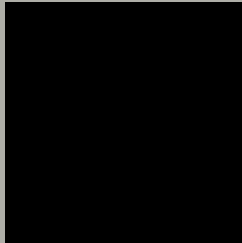
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

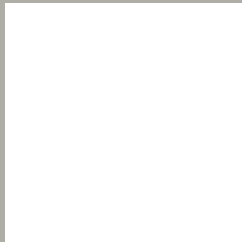
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 3.805, 109.784

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.805, 109.784.



This preview shows how white text looks on a background with the CIELCh color 71, 3.805, 109.784.

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, 3.805, 109.784

Protanopia

71, 3.767, 79.335

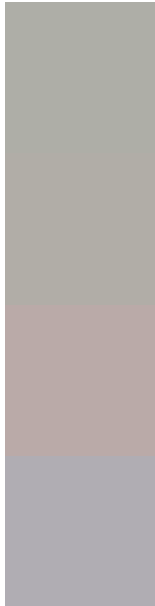
Deuteranopia

71, 9.277, 20.169



Tritanopia
71, 7.365, 305.285

Trichromacy



Original Color
71, 3.805, 109.784

Protanomaly
71, 3.590, 84.646

Deuteranomaly
71, 6.244, 29.860

Tritanomaly
71, 3.480, 309.181

Monochromacy



Original Color
71, 3.805, 109.784

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.082, 110.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.805, 109.784 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(174, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 167)  
}
```

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(174, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.805, 109.784 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(174, 174, 167) }
```

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

```
.border{ border-color:rgb(174, 174, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.805, 109.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 167) }
```

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

```
.background{ background-color: rgb(174,  
174, 167) }
```

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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