

Converting Colors

CIELCh(71, 4.349, 109.732)

Have a look what the booklet for
CIELCh(71, 4.349, 109.732) contains.

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Color

CIELCh(71, 4.349, 109.732)

Conversions

Conversions Part 1

Format	Color
Hex	AEAEA6
RGB	174, 174, 166
RGB Percent	68%, 68%, 65%
CMY	0.3165, 0.3164, 0.3478
CMYK	0.00, 0.00, 0.05, 0.32
HSL	60°, 5%, 67%
HSV	60°, 5%, 68%
XYZ	39.6288, 42.1875, 42.2759
YIQ	173.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

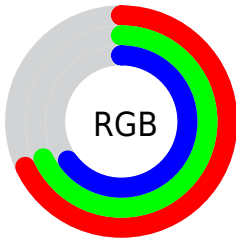
Format	Color
RYB	166, 174, 166
Decimal	11447974
CIELab	71.00, -1.47, 4.09
CIELCh	71, 4.349, 109.732
Yxy	42.1875, 0.3193, 0.3400
Android (android.graphics.Color)	4289638054 (0xFFFAEAEA6)
YUV	173.0880, -3.4944, 0.7998
Hunter-Lab	64.9519, -4.7585, 6.8757

Details

The CIELCh color $71, 4.349, 109.732$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 4.409, 290.654$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.130, 109.826$, and $51, 4.641, 109.569$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.812, 108.805$, and if you desaturate by 10%, it is $71, 5.145, 290.709$.

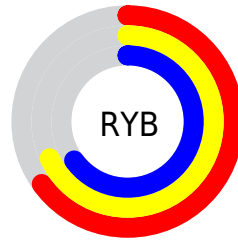
Distribution



Red (68%)

Green (68%)

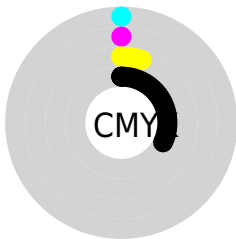
Blue (65%)



Red (65%)

Yellow (68%)

Blue (65%)

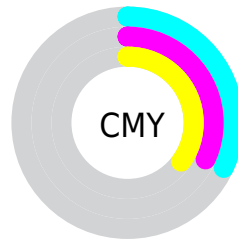


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.349, 109.732 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, 4.349, 109.732 by changing the saturation by 10% instead.

■ 71, 4.349, 109.732

■ 71, 4.349, 109.732

■ 100, 4.349,
109.732

■ 61, 4.349, 109.732

■ 91, 4.349, 109.732

■ 51, 4.349, 109.732

■ 41, 4.349, 109.732

■ 31, 4.349, 109.732

■ 21, 4.349, 109.732

■ 11, 4.349, 109.732

■ 1, 4.349, 109.732

■ 0, 4.349, 109.732

■ 71, 4.349, 109.732

■ 71, 4.349, 109.732

71, 13.812,
108.805

71, 5.145, 290.709

70, 23.186,
107.850

72, 14.641,
291.612

70, 32.391,
106.905

73, 24.112,
292.489

70, 41.301,
105.992

73, 33.541,
293.329

69, 49.725,
105.137

74, 42.915,
294.128

69, 57.377,
104.371

74, 43.742,
294.200

69, 63.872,
103.734

74, 43.742,
294.203

69, 68.770,
103.262

74, 43.742,
294.205

69, 71.738,

74, 43.742,
294.208

Harmonies

Complementary

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



71, 4.349, 109.732



68, 4.409, 290.654

Rectangle

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



71, 4.349, 109.732



71, 4.349, 159.732



71, 4.349, 289.732



71, 4.349, 339.732

Sweetspot

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



71, 4.351, 109.748



90, 1.166, 110.038



69, 3.054, 19.517



48, 0.668, 110.040



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, 4.351, 109.748



90, 7.046, 109.608



71, 4.629, 128.895



37, 3.739, 109.571



60, 65.376, 102.877



7, 11.345, 110.200

Inverse Universe

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



68, 4.409, 290.654



86, 7.157, 290.806



69, 4.672, 309.244



34, 3.801, 290.847



17, 90.270, 306.289



1, 11.347, 290.191

Previews

White Background



This preview shows how the CIELCh color 71, 4.349, 109.732 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 CIELCh color 71, 4.349, 109.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

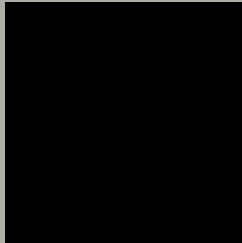
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

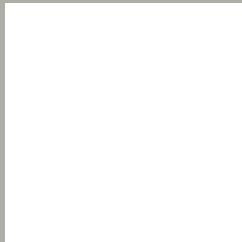
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.349, 109.732

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.349, 109.732.



This preview shows how white text looks on a background with the CIELCh color 71, 4.349, 109.732.

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, 4.349, 109.732

Protanopia

71, 4.433, 78.503

Deuteranopia

71, 9.671, 20.206



Tritanopia
71, 7.999, 306.884

Trichromacy



Original Color
71, 4.349, 109.732

Protanomaly
71, 4.091, 87.803

Deuteranomaly
71, 6.374, 34.645

Tritanomaly
71, 3.624, 314.763

Monochromacy



Original Color
71, 4.349, 109.732

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, 4.349, 109.732 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.349, 109.732 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, 166) }
```

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

```
.border{ border-color:rgb(174, 174, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.349, 109.732 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, 166) }
```

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

```
.background{ background-color: rgb(174,  
174, 166) }
```

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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