

Converting Colors

CIELCh(71, 0.849, 91.074)

Have a look what the booklet for
CIELCh(71, 0.849, 91.074) contains.

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Color

CIELCh(71, 1.081, 110.017)

Conversions

Conversions Part 1

Format	Color
Hex	AEAEAC
RGB	174, 174, 172
RGB Percent	68%, 68%, 67%
CMY	0.3181, 0.3181, 0.3259
CMYK	0.00, 0.00, 0.01, 0.32
HSL	60°, 1%, 68%
HSV	60°, 1%, 68%
XYZ	39.9794, 42.1875, 45.0082
YIQ	173.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

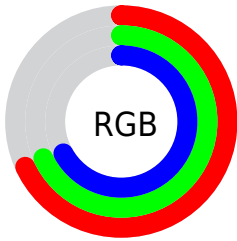
Format	Color
RYB	172, 174, 172
Decimal	11447980
CIELab	71.00, -0.37, 1.02
CIELCh	71, 1.081, 110.017
Yxy	42.1875, 0.3144, 0.3317
Android (android.graphics.Color)	4289638060 (0xFFFAEAEAC)
YUV	173.7720, -0.8736, 0.2000
Hunter-Lab	64.9519, -3.7950, 4.3815

Details

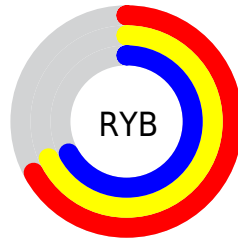
The CIELCh color **71, 1.081, 110.017** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 1.103, 290.400**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 1.025, 110.025**, and **51, 1.156, 109.990** is the 20% darker color. If you saturate the color by 10%, you get **71, 10.542, 109.181**, and if you desaturate by 10%, it is **71, 8.398, 291.065**.

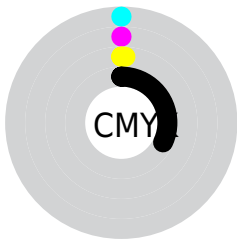
Distribution



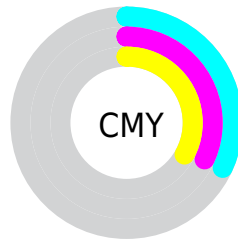
- Red (68%)
- Green (68%)
- Blue (67%)



- Red (67%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 1.081, 110.017 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, 1.081, 110.017 by changing the saturation by 10% instead.

■ 71, 1.081, 110.017

■ 71, 1.081, 110.017

100, 1.081,
110.017

■ 61, 1.081, 110.017

■ 91, 1.081, 110.017

■ 51, 1.081, 110.017

■ 41, 1.081, 110.017

■ 31, 1.081, 110.017

■ 21, 1.081, 110.017

■ 11, 1.081, 110.017

■ 1, 1.081, 110.017

■ 0, 1.081, 110.017

■ 71, 1.081, 110.017

■ 71, 1.081, 110.017

71, 10.542,
109.181

71, 8.398, 291.065

70, 19.935,
108.228

72, 17.869,
291.959

70, 29.192,
107.280

73, 27.309,
292.822

70, 38.204,
106.355

73, 36.702,
293.646

69, 46.806,
105.478

74, 43.985,
294.263

69, 54.747,
104.680

74, 43.985,
294.274

69, 61.677,
103.996

74, 43.985,
294.284

69, 67.164,
103.467

74, 43.985,
294.295

69, 70.812,

74, 43.985,
294.306

Harmonies

Complementary

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



71, 1.081, 110.017



70, 1.103, 290.400

Rectangle

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



71, 1.081, 110.017



71, 1.081, 160.017



71, 1.081, 290.017



71, 1.081, 340.017

Sweetspot

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



71, 1.083, 110.079



90, 0.011, 296.813



70, 0.755, 18.817



48, 0.006, 296.813



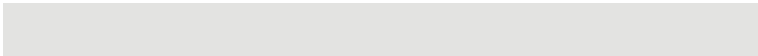
96, 0.011, 296.813

Same Dimension

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



71, 1.083, 110.079



90, 1.166, 110.085



71, 1.151, 129.112



37, 0.530, 110.087



60, 65.376, 102.948



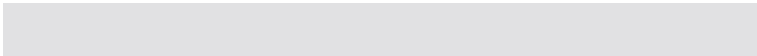
7, 11.345, 110.268

Inverse Universe

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



70, 1.103, 290.400



89, 1.190, 290.394



70, 1.169, 309.027



37, 0.542, 290.392



17, 90.263, 306.293



1, 11.347, 290.228

Previews

White Background



This preview shows how the CIELCh color 71, 1.081, 110.017 looks on a white background.

Color Contrast Check

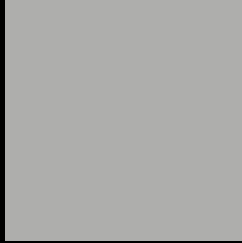
Large Text (above 18pt) WCAG AA × Fail

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, 1.081, 110.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

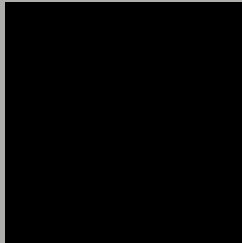
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

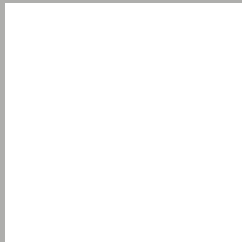
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 1.081, 110.017

Background



This preview shows how black text looks on a background with the CIELCh color 71, 1.081, 110.017.

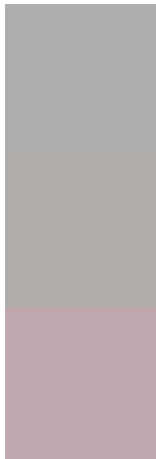


This preview shows how white text looks on a background with the CIELCh color 71, 1.081, 110.017.

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, 1.081, 110.017

Protanopia

71, 1.852, 55.193

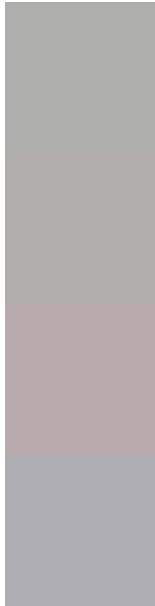
Deuteranopia

71, 9.206, 3.033



Tritanopia
71, 7.278, 302.485

Trichromacy



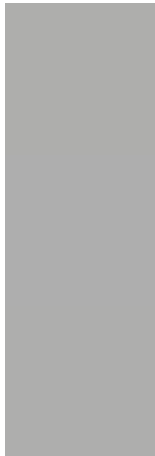
Original Color
71, 1.081, 110.017

Protanomaly
71, 1.560, 63.354

Deuteranomaly
71, 5.942, 3.915

Tritanomaly
71, 3.909, 301.479

Monochromacy



Original Color
71, 1.081, 110.017

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 0.536, 110.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 1.081, 110.017 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 1.081, 110.017 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, 172) }
```

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

```
.border{ border-color:rgb(174, 174, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 1.081, 110.017 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, 172) }
```

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

```
.background{ background-color: rgb(174,  
174, 172) }
```

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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