

Converting Colors

CIELCh(71, 2.726, 292.333)

Have a look what the booklet for
CIELCh(71, 2.726, 292.333) contains.

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Color

CIELCh(71, 2.767, 298.178)

Conversions

Conversions Part 1

Format	Color
Hex	AEADB2
RGB	174, 173, 178
RGB Percent	68%, 68%, 70%
CMY	0.3170, 0.3209, 0.3013
CMYK	0.02, 0.03, 0.00, 0.30
HSL	252°, 3%, 69%
HSV	252°, 3%, 70%
XYZ	40.5186, 42.1875, 48.2124
YIQ	173.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

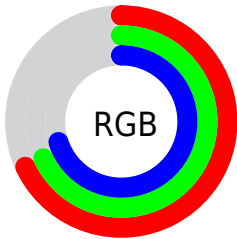
Format	Color
RYB	174, 173, 178
Decimal	11447730
CIELab	71.00, 1.31, -2.44
CIElCh	71, 2.767, 298.178
Yxy	42.1875, 0.3095, 0.3222
Android (android.graphics.Color)	4289637810 (0xFFAEADB2)
YUV	173.8690, 2.0366, 0.1149
Hunter-Lab	64.9519, -2.3133, 1.4566

Details

The CIELCh color $71, 2.767, 298.178$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 2.733, 117.794$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 3.145, 296.891$, and $51, 2.375, 300.091$ is the 20% darker color. If you saturate the color by 10%, you get $65, 12.833, 298.900$, and if you desaturate by 10%, it is $77, 6.931, 117.529$.

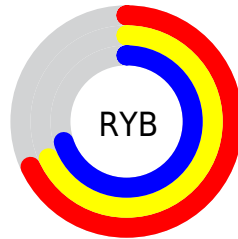
Distribution



Red (68%)

Green (68%)

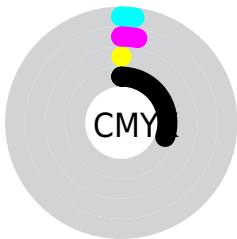
Blue (70%)



Red (68%)

Yellow (68%)

Blue (70%)

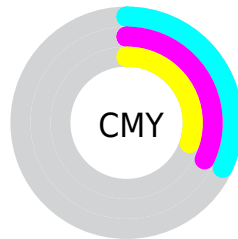


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (32%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 2.767, 298.178 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, 2.767, 298.178 by changing the saturation by 10% instead.

■ 71, 2.767, 298.178

■ 71, 2.767, 298.178

100, 2.767,
298.178

■ 61, 2.767, 298.178

■ 91, 2.767, 298.178

■ 51, 2.767, 298.178

■ 41, 2.767, 298.178

■ 31, 2.767, 298.178

■ 21, 2.767, 298.178

■ 11, 2.767, 298.178

■ 1, 2.767, 298.178

■ 0, 2.767, 298.178

■ 71, 2.767, 298.178

■ 71, 2.767, 298.178

65, 12.833,
298.900

77, 6.931, 117.529

59, 23.288,
299.749

83, 16.278,
116.980

53, 34.138,
300.718

88, 25.298,
116.508

48, 45.358,
301.809

94, 34.012,
116.102

42, 56.863,
303.005

98, 38.746,
112.666

36, 68.430,
304.259

98, 38.547,
107.237

31, 79.588,
305.471

27, 89.477,
306.474

24, 96.867,

Harmonies

Complementary

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



71, 2.767, 298.178



72, 2.733, 117.794

Rectangle

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



71, 2.767, 298.178



71, 2.767, 348.178



71, 2.767, 118.178



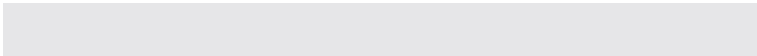
71, 2.767, 168.178

Sweetspot

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



71, 2.765, 298.160



91, 1.225, 298.033



72, 1.588, 217.922



49, 0.702, 298.029



96, 0.011, 296.813



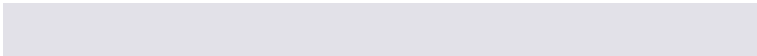
49, 0.007, 296.813

Same Dimension

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



71, 2.765, 298.160



90, 3.667, 298.177



71, 3.031, 315.265



37, 2.239, 298.225



18, 89.888, 307.355



1, 13.410, 296.216

Inverse Universe

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



71, 2.896, 330.585



90, 3.839, 330.608



72, 3.008, 135.144



37, 2.343, 330.666



34, 67.754, 337.953



2, 13.331, 333.551

Previews

White Background



This preview shows how the CIELCh color 71, 2.767, 298.178 looks on a white background.

Color Contrast Check

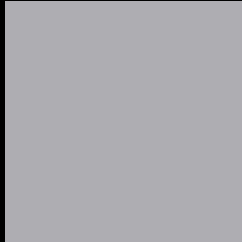
Large Text (above 18pt) WCAG AA × Fail

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, 2.767, 298.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

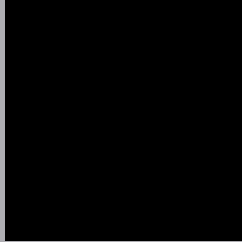
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

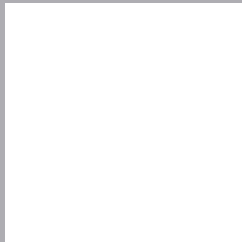
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 2.767, 298.178

Background



This preview shows how black text looks on a background with the CIELCh color 71, 2.767, 298.178.



This preview shows how white text looks on a background with the CIELCh color 71, 2.767, 298.178.

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, 2.767, 298.178

Protanopia

71, 2.846, 305.609

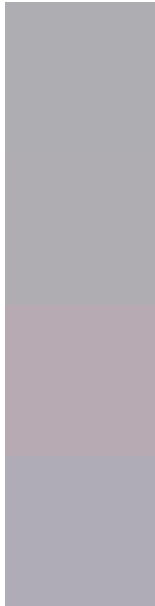
Deuteranopia

71, 9.656, 341.858



Tritanopia
71, 7.750, 299.051

Trichromacy



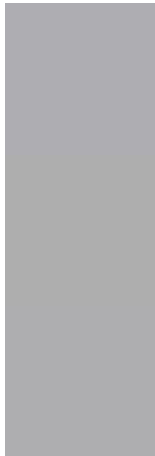
Original Color
71, 2.767, 298.178

Protanomaly
71, 2.846, 305.609

Deuteranomaly
71, 6.952, 335.033

Tritanomaly
71, 6.133, 301.129

Monochromacy



Original Color
71, 2.767, 298.178

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.099, 290.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 2.767, 298.178 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, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 178)  
}
```

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, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 2.767, 298.178 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, 173, 178) }
```

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

```
.border{ border-color:rgb(174, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 2.767, 298.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 178) }
```

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

```
.background{ background-color: rgb(174,  
173, 178) }
```

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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