

Converting Colors

CIELCh(70, 2.896, 290.486)

Have a look what the booklet for
CIELCh(70, 2.896, 290.486) contains.

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Color

CIELCh(70, 2.743, 290.472)

Conversions

Conversions Part 1

Format	Color
Hex	ABABBO
RGB	171, 171, 176
RGB Percent	67%, 67%, 69%
CMY	0.3307, 0.3306, 0.3111
CMYK	0.03, 0.03, 0.00, 0.31
HSL	240°, 3%, 68%
HSV	240°, 3%, 69%
XYZ	39.0326, 40.7494, 46.7163
YIQ	171.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

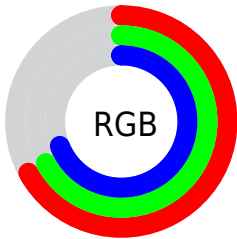
Format	Color
RYB	171, 171, 176
Decimal	11250608
CIELab	70.00, 0.96, -2.57
CIELCh	70, 2.743, 290.472
Yxy	40.7494, 0.3086, 0.3221
Android (android.graphics.Color)	4289440688 (0xFFABABB0)
YUV	171.5700, 2.1840, -0.4999
Hunter-Lab	63.8353, -2.5665, 1.2948

Details

The CIELCh color $70, 2.743, 290.472$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 2.708, 109.866$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 3.125, 290.453$, and $50, 2.928, 290.572$ is the 20% darker color. If you saturate the color by 10%, you get $64, 12.593, 291.502$, and if you desaturate by 10%, it is $76, 6.732, 109.512$.

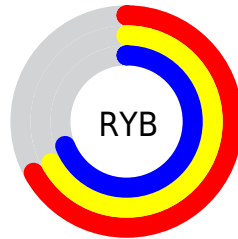
Distribution



Red (67%)

Green (67%)

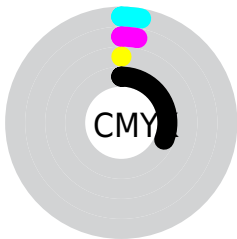
Blue (69%)



Red (67%)

Yellow (67%)

Blue (69%)

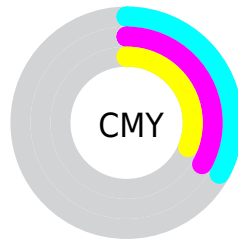


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (33%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 2.743, 290.472 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 70, 2.743, 290.472 by changing the saturation by 10% instead.

■ 70, 2.743, 290.472

■ 70, 2.743, 290.472

100, 2.743,
290.472

■ 60, 2.743, 290.472

■ 90, 2.743, 290.472

■ 50, 2.743, 290.472

■ 40, 2.743, 290.472

■ 30, 2.743, 290.472

■ 20, 2.743, 290.472

■ 10, 2.743, 290.472

■ 0, 2.743, 290.472

■ 70, 2.743, 290.472

■ 70, 2.743, 290.472

■ 64, 12.593,

■ 76, 6.732, 109.512

291.502

82, 15.856,
108.743

58, 22.854,
292.758

88, 24.656,
108.083

52, 33.555,
294.235

94, 33.153,
107.516

46, 44.710,
295.953

98, 39.764,
107.143

40, 56.287,
297.910

34, 68.115,
300.053

29, 79.711,
302.237

25, 90.038,
304.199

22, 97.515,
305.605

Harmonies

Complementary

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



70, 2.743, 290.472



72, 2.708, 109.866

Rectangle

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



70, 2.743, 290.472



70, 2.743, 340.472



70, 2.743, 110.472



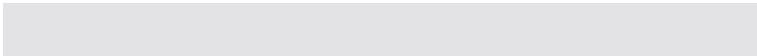
70, 2.743, 160.472

Sweetspot

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



70, 2.741, 290.450



90, 1.200, 290.311



71, 1.859, 198.118



48, 0.682, 290.309



96, 0.011, 296.813



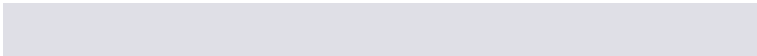
48, 0.006, 296.813

Same Dimension

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



70, 2.741, 290.450



89, 3.593, 290.469



70, 2.898, 308.573



36, 2.161, 290.531



17, 90.242, 306.278



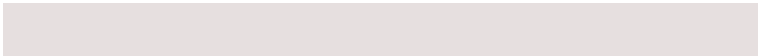
1, 11.342, 290.159

Inverse Universe

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



70, 1.892, 19.261



89, 2.481, 19.292



71, 2.871, 128.397



36, 1.495, 19.377



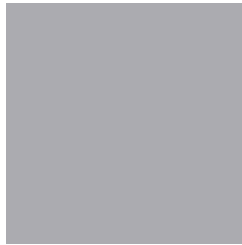
31, 69.961, 39.424



2, 7.802, 19.365

Previews

White Background



This preview shows how the CIELCh color 70, 2.743, 290.472 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 70, 2.743, 290.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

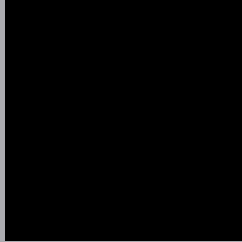
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

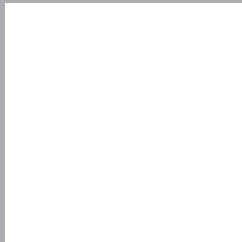
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 2.743, 290.472

Background



This preview shows how black text looks on a background with the CIELCh color 70, 2.743, 290.472.



This preview shows how white text looks on a background with the CIELCh color 70, 2.743, 290.472.

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

70, 2.743, 290.472

Protanopia

70, 2.979, 312.554

Deuteranopia

70, 9.383, 340.380



Tritanopia
70, 7.174, 296.745

Trichromacy



Original Color
70, 2.743, 290.472

Protanomaly
70, 2.855, 305.612

Deuteranomaly
70, 6.707, 332.721

Tritanomaly
70, 5.543, 298.372

Monochromacy



Original Color
70, 2.743, 290.472

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.102, 290.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 2.743, 290.472 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(171, 171, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 176)  
}
```

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(171, 171, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 2.743, 290.472 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(171, 171, 176) }
```

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

```
.border{ border-color:rgb(171, 171, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 2.743, 290.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 176) }
```

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

```
.background{ background-color: rgb(171,  
171, 176) }
```

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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