

Converting Colors

CIELCh(70, 1.633, 73.045)

Have a look what the booklet for
CIELCh(70, 1.633, 73.045) contains.

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Color

CIELCh(70, 1.791, 84.918)

Conversions

Conversions Part 1

Format	Color
Hex	ADABA8
RGB	173, 171, 168
RGB Percent	68%, 67%, 66%
CMY	0.3222, 0.3300, 0.3418
CMYK	0.00, 0.01, 0.03, 0.32
HSL	36°, 3%, 67%
HSV	36°, 3%, 68%
XYZ	38.7808, 40.7494, 42.7869
YIQ	171.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

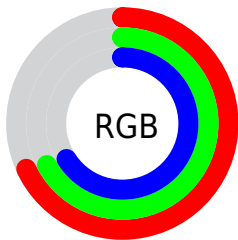
Format	Color
RYB	171, 173, 168
Decimal	11381672
CIELab	70.00, 0.16, 1.78
CIElCh	70, 1.791, 84.918
Yxy	40.7494, 0.3171, 0.3331
Android (android.graphics.Color)	4289571752 (0xFFADABA8)
YUV	171.2560, -1.6052, 1.5295
Hunter-Lab	63.8353, -3.2704, 4.9443

Details

The CIELCh color **70, 1.791, 84.918** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 1.801, 265.979**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 1.698, 84.957**, and **50, 1.917, 84.821** is the 20% darker color. If you saturate the color by 10%, you get **68, 8.134, 83.829**, and if you desaturate by 10%, it is **72, 4.368, 266.395**.

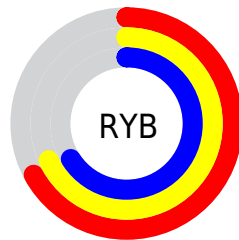
Distribution



Red (68%)

Green (67%)

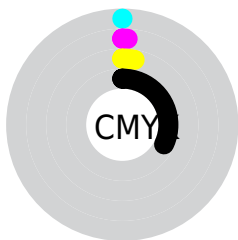
Blue (66%)



Red (67%)

Yellow (68%)

Blue (66%)

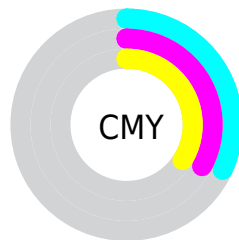


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 1.791, 84.918 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, 1.791, 84.918 by changing the saturation by 10% instead.

■ 70, 1.791, 84.918 ■ 70, 1.791, 84.918

■ 100, 1.791, 84.918 ■ 60, 1.791, 84.918

■ 90, 1.791, 84.918 ■ 50, 1.791, 84.918

■ 40, 1.791, 84.918

■ 30, 1.791, 84.918

■ 20, 1.791, 84.918

■ 10, 1.791, 84.918

■ 0, 1.791, 84.918

■ 70, 1.791, 84.918 ■ 70, 1.791, 84.918

■ 68, 8.134, 83.829 ■ 72, 4.368, 266.395

66, 14.667, 82.545

75, 10.360,
267.529

63, 21.388, 81.216

77, 16.198,
268.639

61, 28.277, 79.850

59, 35.273, 78.442

79, 21.897,
269.703

57, 42.246, 76.973

82, 27.470,
270.717

55, 48.935, 75.392

53, 54.877, 73.592

84, 25.262,
262.861

52, 59.371, 71.376

85, 23.304,
253.141

87, 22.098,
242.135

89, 21.747,
230.449

Harmonies

Complementary

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



70, 1.791, 84.918



69, 1.801, 265.979

Rectangle

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



70, 1.791, 84.918



70, 1.791, 134.918



70, 1.791, 264.918



70, 1.791, 314.918

Sweetspot

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



70, 1.792, 84.975



89, 0.758, 84.935



69, 2.198, 349.485



47, 0.430, 84.917



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 1.792, 84.975



88, 2.300, 84.963



70, 2.727, 113.871



36, 1.410, 84.905



44, 55.806, 70.037



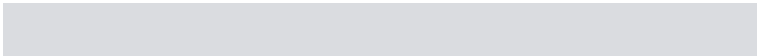
4, 6.865, 75.926

Inverse Universe

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



69, 1.801, 265.979



88, 2.311, 265.992



69, 2.760, 294.348



36, 1.414, 266.054



28, 58.017, 291.783



2, 8.030, 271.729

Previews

White Background



This preview shows how the CIELCh color 70, 1.791, 84.918 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, 1.791, 84.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

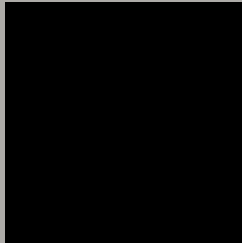
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

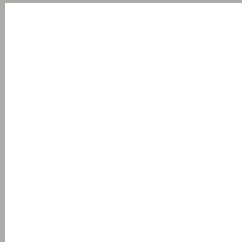
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 1.791, 84.918

Background



This preview shows how black text looks on a background with the CIELCh color 70, 1.791, 84.918.



This preview shows how white text looks on a background with the CIELCh color 70, 1.791, 84.918.

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, 1.791, 84.918

Protanopia

70, 2.498, 60.259

Deuteranopia

70, 9.107, 6.348



Tritanopia
70, 7.492, 308.026

Trichromacy



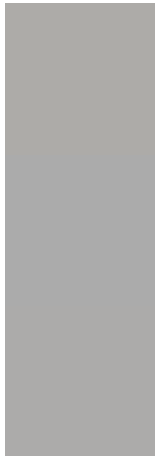
Original Color
70, 1.791, 84.918

Protanomaly
70, 2.222, 66.710

Deuteranomaly
70, 5.843, 9.089

Tritanomaly
70, 4.136, 311.655

Monochromacy



Original Color
70, 1.791, 84.918

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 0.654, 74.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 1.791, 84.918 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(173, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 168)  
}
```

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(173, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 1.791, 84.918 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(173, 171, 168) }
```

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

```
.border{ border-color:rgb(173, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 1.791, 84.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 168) }
```

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

```
.background{ background-color: rgb(173,  
171, 168) }
```

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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