

Converting Colors

CIELCh(70, 1.819, 301.976)

Have a look what the booklet for
CIELCh(70, 1.819, 301.976) contains.

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Color

CIELCh(70, 1.696, 303.107)

Conversions

Conversions Part 1

Format	Color
Hex	ACABAE
RGB	172, 171, 174
RGB Percent	67%, 67%, 68%
CMY	0.3270, 0.3309, 0.3192
CMYK	0.01, 0.02, 0.00, 0.32
HSL	260°, 2%, 67%
HSV	260°, 2%, 68%
XYZ	39.0222, 40.7494, 45.6568
YIQ	171.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

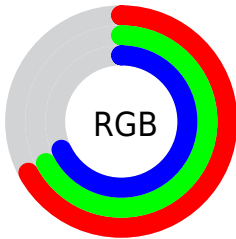
Format	Color
RYB	172, 171, 174
Decimal	11316142
CIELab	70.00, 0.93, -1.42
CIELCh	70, 1.696, 303.107
Yxy	40.7494, 0.3111, 0.3249
Android (android.graphics.Color)	4289506222 (0xFFACABAE)
YUV	171.6410, 1.1630, 0.3148
Hunter-Lab	63.8353, -2.5955, 2.2788

Details

The CIELCh color **70, 1.696, 303.107** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 1.672, 122.966**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 1.612, 303.077**, and **50, 1.809, 303.151** is the 20% darker color. If you saturate the color by 10%, you get **64, 11.662, 303.678**, and if you desaturate by 10%, it is **76, 7.935, 122.623**.

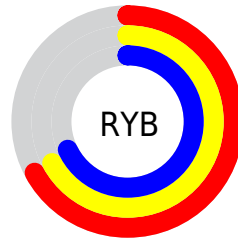
Distribution



Red (67%)

Green (67%)

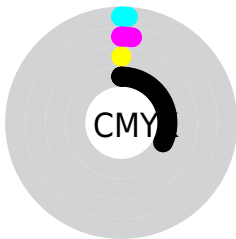
Blue (68%)



Red (67%)

Yellow (67%)

Blue (68%)

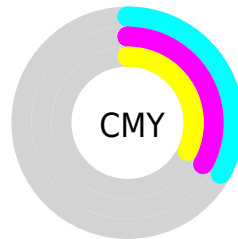


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 1.696, 303.107 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, 1.696, 303.107 by changing the saturation by 10% instead.

■ 70, 1.696, 303.107

■ 70, 1.696, 303.107

100, 1.696,
303.107

■ 60, 1.696, 303.107

■ 90, 1.696, 303.107

■ 50, 1.696, 303.107

■ 40, 1.696, 303.107

■ 30, 1.696, 303.107

■ 20, 1.696, 303.107

■ 10, 1.696, 303.107

■ 0, 1.696, 303.107

■ 70, 1.696, 303.107

■ 70, 1.696, 303.107

■ 64, 11.662,

■ 76, 7.935, 122.623

303.678

81, 17.237,
122.186

59, 21.974,
304.322

86, 26.228,
121.809

53, 32.614,
305.038

92, 34.926,
121.484

48, 43.535,
305.820

97, 42.029,
120.445

43, 54.619,
306.645

97, 41.161,
114.526

38, 65.630,
307.468

98, 40.785,
108.310

33, 76.128,
308.209

98, 40.772,
107.065

29, 85.398,
308.742

25, 92.482,
308.905

Harmonies

Complementary

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



70, 1.696, 303.107



71, 1.672, 122.966

Rectangle

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



70, 1.696, 303.107



70, 1.696, 353.107



70, 1.696, 123.107



70, 1.696, 173.107

Sweetspot

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



70, 1.694, 303.083



90, 1.224, 303.023



70, 0.921, 234.236



48, 0.702, 303.017



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, 1.694, 303.083



89, 2.441, 303.104



70, 1.896, 319.283



36, 1.110, 303.092



20, 86.926, 308.933



1, 11.571, 300.718

Inverse Universe

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



70, 1.585, 335.558



89, 2.284, 335.609



71, 1.878, 139.334



36, 1.039, 335.582



33, 61.231, 346.955



2, 10.230, 339.864

Previews

White Background



This preview shows how the CIELCh color 70, 1.696, 303.107 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, 1.696, 303.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

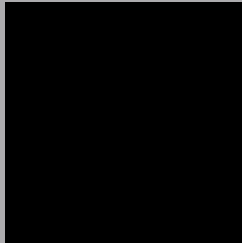
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

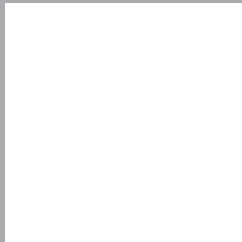
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 1.696, 303.107

Background



This preview shows how black text looks on a background with the CIELCh color 70, 1.696, 303.107.

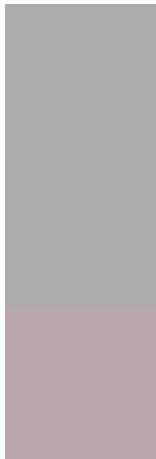


This preview shows how white text looks on a background with the CIELCh color 70, 1.696, 303.107.

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, 1.696, 303.107

Protanopia

70, 2.010, 324.420

Deuteranopia

70, 9.055, 347.330



Tritanopia
70, 7.839, 301.714

Trichromacy



Original Color

70, 1.696, 303.107

Protanomaly

70, 1.822, 314.655

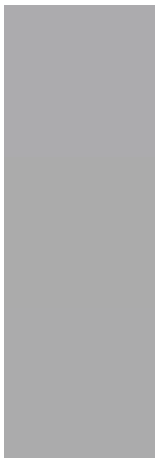
Deuteranomaly

70, 5.931, 346.319

Tritanomaly

70, 5.543, 298.372

Monochromacy



Original Color

70, 1.696, 303.107

Achromatopsia

70, 0.009, 296.813

Achromatomaly

70, 0.555, 290.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 1.696, 303.107 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(172, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 174)  
}
```

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(172, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 1.696, 303.107 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(172, 171, 174) }
```

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

```
.border{ border-color:rgb(172, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 1.696, 303.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 174) }
```

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

```
.background{ background-color: rgb(172,  
171, 174) }
```

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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