

Converting Colors

CIELCh(70, 4.444, 306.315)

Have a look what the booklet for
CIELCh(70, 4.444, 306.315) contains.

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Color

CIELCh(70, 4.541, 304.799)

Conversions

Conversions Part 1

Format	Color
Hex	ADAAB2
RGB	173, 170, 178
RGB Percent	68%, 67%, 70%
CMY	0.3223, 0.3340, 0.3027
CMYK	0.03, 0.04, 0.00, 0.30
HSL	262°, 5%, 68%
HSV	262°, 4%, 70%
XYZ	39.5491, 40.7494, 47.8015
YIQ	171.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

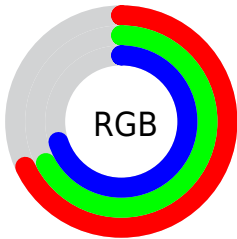
Format	Color
R_{YB}	173, 170, 178
Decimal	11381426
CIE Lab	70.00, 2.59, -3.73
CIE LCh	70, 4.541, 304.799
Yxy	40.7494, 0.3087, 0.3181
Android (android.graphics.Color)	4289571506 (0xFFADAAB2)
YUV	171.8090, 3.0522, 1.0445
Hunter-Lab	63.8353, -1.1221, 0.2868

Details

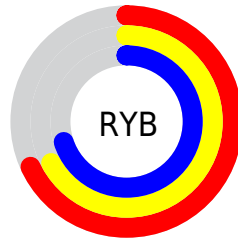
The CIELCh color $70, 4.541, 304.799$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 4.490, 124.373$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 4.818, 303.243$, and $50, 4.284, 306.774$ is the 20% darker color. If you saturate the color by 10%, you get $64, 14.861, 305.350$, and if you desaturate by 10%, it is $76, 5.443, 124.334$.

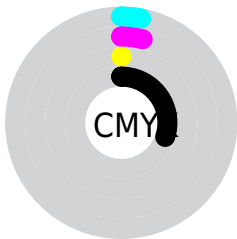
Distribution



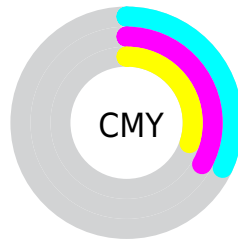
- Red (68%)
- Green (67%)
- Blue (70%)



- Red (68%)
- Yellow (67%)
- Blue (70%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 4.541, 304.799 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, 4.541, 304.799 by changing the saturation by 10% instead.

■ 70, 4.541, 304.799

■ 70, 4.541, 304.799

100, 4.541,
304.799

■ 60, 4.541, 304.799

■ 90, 4.541, 304.799

■ 50, 4.541, 304.799

■ 40, 4.541, 304.799

■ 30, 4.541, 304.799

■ 20, 4.541, 304.799

■ 10, 4.541, 304.799

■ 0, 4.541, 304.799

■ 70, 4.541, 304.799

■ 70, 4.541, 304.799

■ 64, 14.861,

■ 76, 5.443, 124.334

305.350

81, 15.094,
123.900

59, 25.516,
305.965

87, 24.426,
123.528

53, 36.473,
306.639

92, 33.455,
123.206

48, 47.655,
307.358

97, 40.144,
121.805

43, 58.900,
308.094

97, 39.223,
115.924

38, 69.900,
308.792

98, 38.764,
109.716

33, 80.129,
309.362

98, 38.719,
107.224

29, 88.801,
309.676

26, 94.989,
309.582

Harmonies

Complementary

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



70, 4.541, 304.799



72, 4.490, 124.373

Rectangle

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



70, 4.541, 304.799



70, 4.541, 354.799



70, 4.541, 124.799



70, 4.541, 174.799

Sweetspot

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



70, 4.539, 304.791



91, 1.254, 304.563



71, 2.444, 240.422



49, 0.719, 304.557



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 4.539, 304.791



89, 6.272, 304.823



70, 5.113, 320.933



36, 3.446, 304.851



21, 87.317, 309.584



1, 13.613, 301.401

Inverse Universe

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



70, 4.088, 337.717



89, 5.647, 337.769



72, 5.091, 140.595



36, 3.102, 337.813



33, 60.565, 350.311



2, 11.510, 342.868

Previews

White Background



This preview shows how the CIELCh color 70, 4.541, 304.799 looks on a white background.

Color Contrast Check

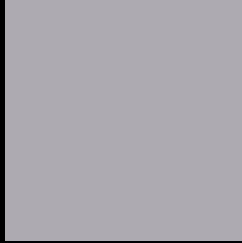
Large Text (above 18pt) WCAG AA × Fail

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, 4.541, 304.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

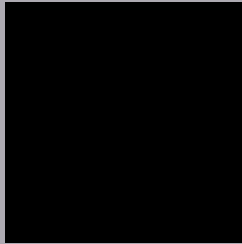
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

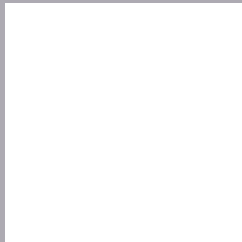
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 4.541, 304.799

Background



This preview shows how black text looks on a background with the CIELCh color 70, 4.541, 304.799.



This preview shows how white text looks on a background with the CIELCh color 70, 4.541, 304.799.

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, 4.541, 304.799

Protanopia

70, 4.460, 300.181

Deuteranopia

70, 9.845, 334.019



Tritanopia
70, 7.388, 305.291

Trichromacy



Original Color

70, 4.541, 304.799

Protanomaly

70, 4.460, 300.181

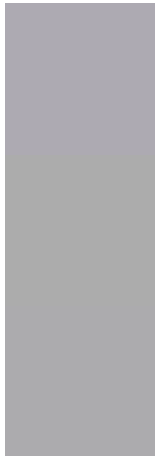
Deuteranomaly

70, 8.214, 326.958

Tritanomaly

70, 6.335, 307.729

Monochromacy



Original Color

70, 4.541, 304.799

Achromatopsia

70, 0.009, 296.813

Achromatomaly

70, 1.696, 303.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 4.541, 304.799 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, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 170, 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(173, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 170, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 4.541, 304.799 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, 170, 178) }
```

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

```
.border{ border-color:rgb(173, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(173, 170,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 4.541, 304.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 170, 178) }
```

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

```
.background{ background-color: rgb(173,  
170, 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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