

Converting Colors

CIELCh(70, 8.459, 307.357)

Have a look what the booklet for
CIELCh(70, 8.459, 307.357) contains.

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Color

CIELCh(70, 8.016, 306.888)

Conversions

Conversions Part 1

Format	Color
Hex	AFA9B7
RGB	175, 169, 183
RGB Percent	69%, 66%, 72%
CMY	0.3149, 0.3384, 0.2835
CMYK	0.04, 0.08, 0.00, 0.28
HSL	266°, 9%, 69%
HSV	266°, 8%, 72%
XYZ	40.2590, 40.7494, 50.3771
YIQ	172.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

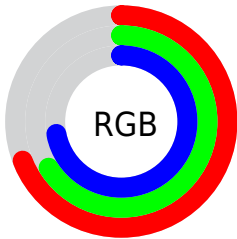
Format	Color
RYB	175, 169, 183
Decimal	11512247
CIELab	70.00, 4.81, -6.41
CIELCh	70, 8.016, 306.888
Yxy	40.7494, 0.3064, 0.3102
Android (android.graphics.Color)	4289702327 (0xFFAFA9B7)
YUV	172.3900, 5.2307, 2.2890
Hunter-Lab	63.8353, 0.8628, -2.1054

Details

The CIELCh color $70, 8.016, 306.888$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 7.909, 126.185$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 8.214, 308.169$, and $50, 7.998, 308.153$ is the 20% darker color. If you saturate the color by 10%, you get $64, 18.758, 307.414$, and if you desaturate by 10%, it is $76, 2.399, 126.463$.

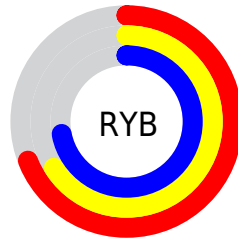
Distribution



Red (69%)

Green (66%)

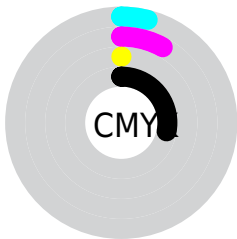
Blue (72%)



Red (69%)

Yellow (66%)

Blue (72%)

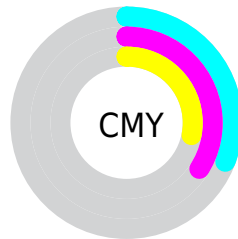


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.016, 306.888 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, 8.016, 306.888 by changing the saturation by 10% instead.

70, 8.016, 306.888

70, 8.016, 306.888

100, 8.016,
306.888

60, 8.016, 306.888

90, 8.016, 306.888

50, 8.016, 306.888

40, 8.016, 306.888

30, 8.016, 306.888

20, 8.016, 306.888

10, 8.016, 306.888

0, 8.016, 306.888

70, 8.016, 306.888

70, 8.016, 306.888

64, 18.758,

76, 2.399, 126.463

307.414

81, 12.478,
126.017

59, 29.812,
307.990

87, 22.231,
125.649

53, 41.117,
308.607

92, 31.671,
125.329

48, 52.553,
309.243

97, 37.980,
123.613

43, 63.892,
309.862

97, 37.004,
117.864

38, 74.739,
310.400

98, 36.442,
111.757

34, 84.475,
310.759

99, 36.319,
107.409

30, 92.271,
310.814

27, 97.508,
310.478

Harmonies

Complementary

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



70, 8.016, 306.888



73, 7.909, 126.185

Rectangle

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



70, 8.016, 306.888



70, 8.016, 356.888



70, 8.016, 126.888



70, 8.016, 176.888

Sweetspot

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



70, 8.014, 306.884



92, 2.572, 306.583



72, 4.314, 246.851



50, 1.474, 306.576



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 8.014, 306.884



88, 11.667, 306.961



71, 9.058, 322.530



36, 5.967, 306.970



22, 87.446, 310.539



1, 15.792, 302.606

Inverse Universe

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



70, 6.873, 340.522



88, 9.998, 340.648



73, 9.031, 141.812



36, 5.113, 340.665



33, 59.844, 354.893



3, 12.759, 346.659

Previews

White Background



This preview shows how the CIELCh color 70, 8.016, 306.888 looks on a white background.

Color Contrast Check

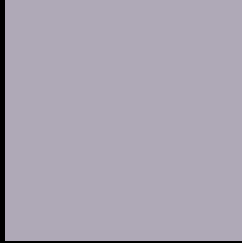
Large Text (above 18pt) WCAG AA × Fail

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, 8.016, 306.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

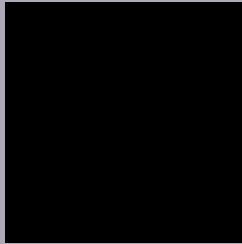
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

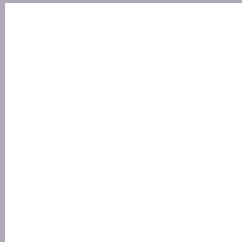
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.016, 306.888

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.016, 306.888.



This preview shows how white text looks on a background with the CIELCh color 70, 8.016, 306.888.

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, 8.016, 306.888

Protanopia

70, 7.126, 290.895

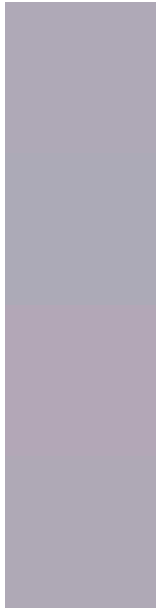
Deuteranopia

70, 11.096, 323.305



Tritanopia
70, 7.492, 308.026

Trichromacy



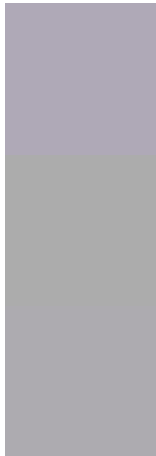
Original Color
70, 8.016, 306.888

Protanomaly
70, 7.174, 296.745

Deuteranomaly
70, 9.878, 317.644

Tritanomaly
70, 7.492, 308.026

Monochromacy



Original Color
70, 8.016, 306.888

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.852, 305.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.016, 306.888 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(175, 169, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 183)  
}
```

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(175, 169, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.016, 306.888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

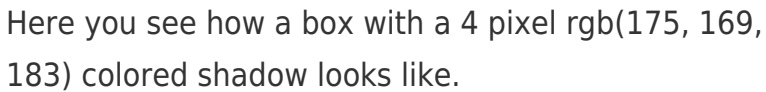
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 169, 183) }
```

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

```
.border{ border-color:rgb(175, 169, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 169, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 169, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 169, 183); box-shadow:4px 4px 4px 4px rgb(175, 169, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.016, 306.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 183) }
```

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

```
.background{ background-color: rgb(175,  
169, 183) }
```

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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