

Converting Colors

CIELCh(70, 4.869, 315.078)

Have a look what the booklet for
CIELCh(70, 4.869, 315.078) contains.

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Color

CIELCh(70, 4.951, 317.448)

Conversions

Conversions Part 1

Format	Color
Hex	AFA9B1
RGB	175, 169, 177
RGB Percent	69%, 66%, 69%
CMY	0.3131, 0.3366, 0.3052
CMYK	0.01, 0.05, 0.00, 0.31
HSL	285°, 5%, 68%
HSV	285°, 5%, 69%
XYZ	39.8856, 40.7494, 47.4432
YIQ	171.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

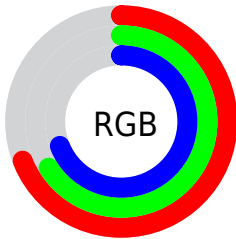
Format	Color
RYB	175, 169, 177
Decimal	11512241
CIELab	70.00, 3.65, -3.35
CIELCh	70, 4.951, 317.448
Yxy	40.7494, 0.3114, 0.3182
Android (android.graphics.Color)	4289702321 (0xFFAFA9B1)
YUV	171.7060, 2.6099, 2.8888
Hunter-Lab	63.8353, -0.1812, 0.6196

Details

The CIELCh color $70, 4.951, 317.448$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 4.921, 137.138$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 5.330, 318.268$, and $50, 4.771, 320.709$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.055, 317.897$, and if you desaturate by 10%, it is $75, 5.923, 137.102$.

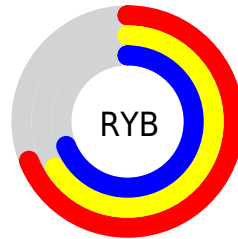
Distribution



Red (69%)

Green (66%)

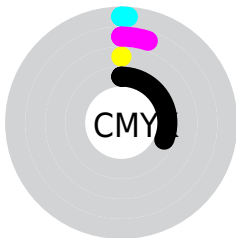
Blue (69%)



Red (69%)

Yellow (66%)

Blue (69%)

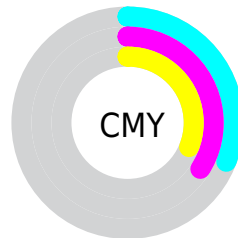


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 4.951, 317.448 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, 4.951, 317.448 by changing the saturation by 10% instead.

■ 70, 4.951, 317.448

■ 70, 4.951, 317.448

■ 100, 4.951,
317.448

■ 60, 4.951, 317.448

■ 90, 4.951, 317.448

■ 50, 4.951, 317.448

■ 40, 4.951, 317.448

■ 30, 4.951, 317.448

■ 20, 4.951, 317.448

■ 10, 4.951, 317.448

■ 0, 4.951, 317.448

■ 70, 4.951, 317.448

■ 70, 4.951, 317.448

■ 65, 16.055,

■ 75, 5.923, 137.102

317.897

80, 16.518,
136.697

60, 27.317,
318.335

85, 26.816,
136.334

55, 38.604,
318.762

90, 36.813,
136.002

51, 49.708,
319.157

95, 44.906,
135.486

47, 60.325,
319.490

95, 44.139,
133.769

43, 70.037,
319.719

95, 43.409,
131.967

40, 78.331,
319.796

95, 42.719,
130.080

37, 84.676,
319.666

96, 42.075,
128.109

35, 88.697,
319.282

Harmonies

Complementary

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



70, 4.951, 317.448



72, 4.921, 137.138

Rectangle

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



70, 4.951, 317.448



70, 4.951, 7.448



70, 4.951, 137.448



70, 4.951, 187.448

Sweetspot

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



70, 4.949, 317.445



90, 1.355, 317.176



70, 3.299, 276.688



48, 0.770, 317.165



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, 4.949, 317.445



88, 6.768, 317.473



70, 4.531, 331.940



36, 3.751, 317.498



29, 81.016, 319.109



2, 14.681, 314.308

Inverse Universe

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



70, 3.232, 359.785



88, 4.423, 359.854



71, 4.512, 151.499



36, 2.453, 359.914



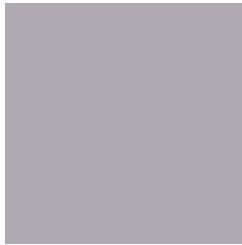
32, 61.128, 24.551



2, 9.543, 3.774

Previews

White Background



This preview shows how the CIELCh color 70, 4.951, 317.448 looks on a white background.

Color Contrast Check

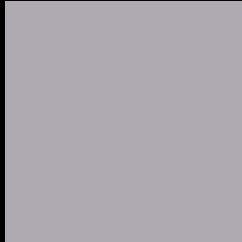
Large Text (above 18pt) WCAG AA × Fail

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, 4.951, 317.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

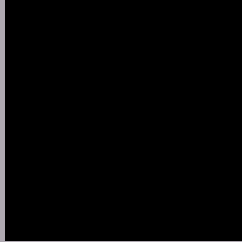
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

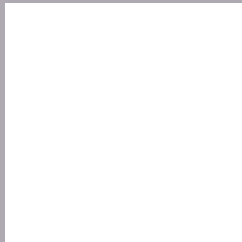
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 4.951, 317.448

Background



This preview shows how black text looks on a background with the CIELCh color 70, 4.951, 317.448.



This preview shows how white text looks on a background with the CIELCh color 70, 4.951, 317.448.

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, 4.951, 317.448

Protanopia

70, 4.460, 300.181

Deuteranopia

70, 9.736, 337.902



Tritanopia
70, 8.264, 311.829

Trichromacy



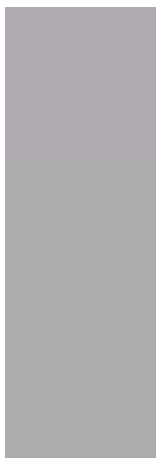
Original Color
70, 4.951, 317.448

Protanomaly
70, 4.541, 304.799

Deuteranomaly
70, 8.025, 331.476

Tritanomaly
70, 7.255, 314.919

Monochromacy



Original Color
70, 4.951, 317.448

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.820, 314.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 4.951, 317.448 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 4.951, 317.448 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, 177) }
```

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

```
.border{ border-color:rgb(175, 169, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 169,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 4.951, 317.448 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, 177) }
```

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

```
.background{ background-color: rgb(175,  
169, 177) }
```

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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