

Converting Colors

CIELCh(70, 8.938, 332.870)

Have a look what the booklet for
CIELCh(70, 8.938, 332.870) contains.

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Color

CIELCh(70, 8.929, 332.867)

Conversions

Conversions Part 1

Format	Color
Hex	B7A7B3
RGB	183, 167, 179
RGB Percent	72%, 65%, 70%
CMY	0.2839, 0.3466, 0.2996
CMYK	0.00, 0.09, 0.02, 0.28
HSL	315°, 10%, 68%
HSV	315°, 9%, 72%
XYZ	41.2757, 40.7494, 48.1261
YIQ	173.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

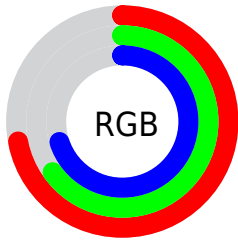
Format	Color
RYB	183, 167, 179
Decimal	12036019
CIELab	70.00, 7.95, -4.07
CIELCh	70, 8.929, 332.867
Yxy	40.7494, 0.3171, 0.3131
Android (android.graphics.Color)	4290226099 (0xFFB7A7B3)
YUV	173.1520, 2.8831, 8.6367
Hunter-Lab	63.8353, 3.7058, -0.0147

Details

The CIELCh color $70, 8.929, 332.867$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 8.892, 151.792$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.110, 332.210$, and $50, 8.822, 333.681$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.231, 333.557$, and if you desaturate by 10%, it is $75, 1.247, 152.507$.

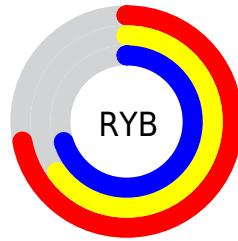
Distribution



Red (72%)

Green (65%)

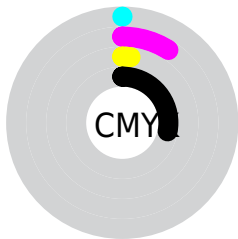
Blue (70%)



Red (72%)

Yellow (65%)

Blue (70%)

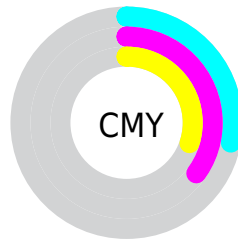


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.929, 332.867 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, 8.929, 332.867 by changing the saturation by 10% instead.

 70, 8.929, 332.867

 70, 8.929, 332.867

 100, 8.929,
332.867

 60, 8.929, 332.867

 90, 8.929, 332.867

 50, 8.929, 332.867

 40, 8.929, 332.867

 30, 8.929, 332.867

 20, 8.929, 332.867

 10, 8.929, 332.867

 0, 8.929, 332.867

 70, 8.929, 332.867

 70, 8.929, 332.867

 65, 19.231,

 75, 1.247, 152.507

333.557

80, 11.201,
151.686

61, 29.520,
334.268

85, 20.888,
151.099

56, 39.573,
335.012

90, 30.287,
150.552

52, 49.079,
335.799

94, 37.675,
150.482

49, 57.633,
336.642

94, 35.909,
152.899

46, 64.768,
337.563

94, 34.197,
155.549

44, 70.030,
338.595

95, 32.550,
158.459

42, 73.111,
339.786

95, 30.979,
161.656

41, 74.190,
341.170

Harmonies

Complementary

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



70, 8.929, 332.867



73, 8.892, 151.792

Rectangle

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



70, 8.929, 332.867



70, 8.929, 22.867



70, 8.929, 152.867



70, 8.929, 202.867

Sweetspot

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



70, 8.927, 332.869



92, 3.769, 332.437



69, 8.935, 300.466



49, 2.881, 332.509



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, 8.927, 332.869



87, 13.891, 333.036



70, 6.487, 0.269



36, 5.803, 332.909



35, 66.134, 341.141



3, 14.690, 336.570

Inverse Universe

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



70, 8.927, 332.869



87, 13.891, 333.036



73, 6.298, 178.800



36, 5.803, 332.909



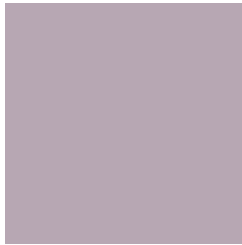
35, 66.134, 341.141



3, 14.690, 336.570

Previews

White Background



This preview shows how the CIELCh color 70, 8.929, 332.867 looks on a white background.

Color Contrast Check

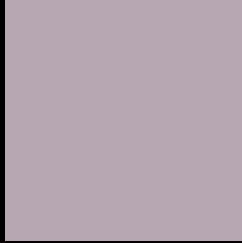
Large Text (above 18pt) WCAG AA × Fail

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, 8.929, 332.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

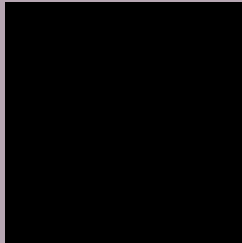
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

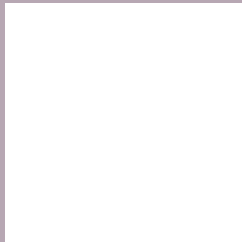
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.929, 332.867

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.929, 332.867.



This preview shows how white text looks on a background with the CIELCh color 70, 8.929, 332.867.

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, 8.929, 332.867

Protanopia

70, 6.048, 294.267

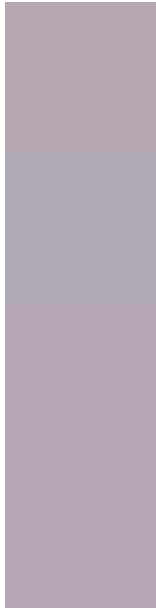
Deuteranopia

70, 9.845, 334.019



Tritanopia
70, 10.000, 330.252

Trichromacy



Original Color
70, 8.929, 332.867

Protanomaly
70, 6.456, 310.878

Deuteranomaly
70, 9.591, 332.351

Tritanomaly
70, 9.591, 332.351

Monochromacy



Original Color
70, 8.929, 332.867

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 2.903, 330.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.929, 332.867 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(183, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 179)  
}
```

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(183, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.929, 332.867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

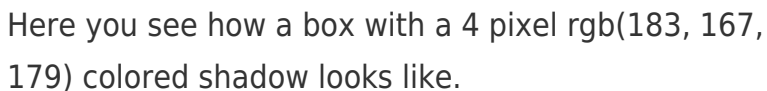
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 167, 179) }
```

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

```
.border{ border-color:rgb(183, 167, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 167, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 167, 179); box-shadow:4px 4px 4px 4px rgb(183, 167, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.929, 332.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 179) }
```

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

```
.background{ background-color: rgb(183,  
167, 179) }
```

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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