

Converting Colors

CIELCh(70, 4.061, 347.171)

Have a look what the booklet for
CIELCh(70, 4.061, 347.171) contains.

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Color

CIELCh(70, 4.062, 347.091)

Conversions

Conversions Part 1

Format	Color
Hex	B2A9AD
RGB	178, 169, 173
RGB Percent	70%, 66%, 68%
CMY	0.3028, 0.3380, 0.3224
CMYK	0.00, 0.05, 0.03, 0.30
HSL	333°, 6%, 68%
HSV	333°, 5%, 70%
XYZ	39.9855, 40.7494, 45.1888
YIQ	172.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

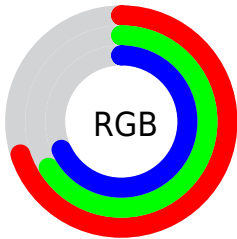
Format	Color
RYB	178, 169, 173
Decimal	11708845
CIELab	70.00, 3.96, -0.91
CIELCh	70, 4.062, 347.091
Yxy	40.7494, 0.3175, 0.3236
Android (android.graphics.Color)	4289898925 (0xFFB2A9AD)
YUV	172.1470, 0.4205, 5.1331
Hunter-Lab	63.8353, 0.0980, 2.7135

Details

The CIELCh color $70, 4.062, 347.091$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 4.018, 166.438$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 4.164, 349.676$, and $50, 4.002, 344.084$ is the 20% darker color. If you saturate the color by 10%, you get $65, 12.247, 348.083$, and if you desaturate by 10%, it is $75, 3.889, 166.474$.

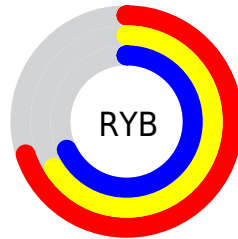
Distribution



Red (70%)

Green (66%)

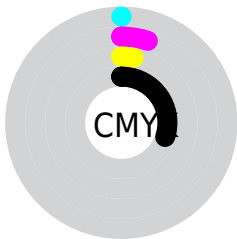
Blue (68%)



Red (70%)

Yellow (66%)

Blue (68%)

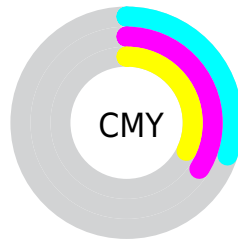


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 4.062, 347.091 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, 4.062, 347.091 by changing the saturation by 10% instead.

■ 70, 4.062, 347.091

■ 70, 4.062, 347.091

■ 100, 4.062,
347.091

■ 60, 4.062, 347.091

■ 90, 4.062, 347.091

■ 50, 4.062, 347.091

■ 40, 4.062, 347.091

■ 30, 4.062, 347.091

■ 20, 4.062, 347.091

■ 10, 4.062, 347.091

■ 0, 4.062, 347.091

■ 70, 4.062, 347.091

■ 70, 4.062, 347.091

■ 65, 12.247,

■ 75, 3.889, 166.474

348.083

80, 11.563,
165.659

60, 20.597,
349.129

85, 18.950,
164.961

56, 28.975,
350.317

90, 26.057,
164.327

52, 37.171,
351.699

94, 31.396,
164.945

48, 44.881,
353.348

95, 28.530,
173.155

44, 51.720,
355.363

95, 26.293,
182.919

42, 57.275,
357.881

95, 24.866,
194.103

40, 61.224, 1.065

95, 24.608,
197.900

Harmonies

Complementary

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



70, 4.062, 347.091



72, 4.018, 166.438

Rectangle

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



70, 4.062, 347.091



70, 4.062, 37.091



70, 4.062, 167.091



70, 4.062, 217.091

Sweetspot

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



70, 4.060, 347.102



91, 1.988, 346.700



70, 5.290, 310.983



49, 1.139, 346.677



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, 4.060, 347.102



88, 5.987, 347.209



70, 3.261, 23.850



36, 3.198, 347.252



32, 57.657, 6.588



2, 10.296, 352.946

Inverse Universe

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



70, 4.060, 347.102



88, 5.987, 347.209



72, 3.159, 203.757



36, 3.198, 347.252



32, 57.657, 6.588



2, 10.296, 352.946

Previews

White Background



This preview shows how the CIELCh color 70, 4.062, 347.091 looks on a white background.

Color Contrast Check

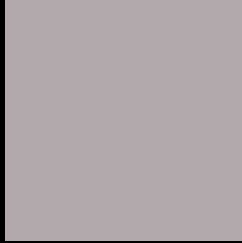
Large Text (above 18pt) WCAG AA × Fail

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, 4.062, 347.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

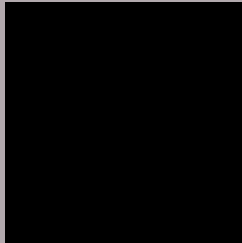
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

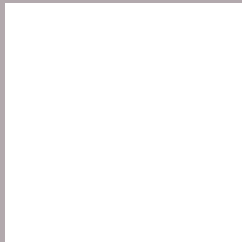
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 4.062, 347.091

Background



This preview shows how black text looks on a background with the CIELCh color 70, 4.062, 347.091.



This preview shows how white text looks on a background with the CIELCh color 70, 4.062, 347.091.

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, 4.062, 347.091

Protanopia

70, 2.481, 317.320

Deuteranopia

70, 8.531, 353.543



Tritanopia
70, 8.252, 320.473

Trichromacy



Original Color
70, 4.062, 347.091

Protanomaly
70, 2.906, 330.606

Deuteranomaly
70, 6.919, 351.712

Tritanomaly
70, 6.886, 327.308

Monochromacy



Original Color
70, 4.062, 347.091

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.265, 353.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 4.062, 347.091 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(178, 169, 173)` looks like.

```
.text, #text, p{  
    color:rgb(178, 169, 173)  
}
```

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(178, 169, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 169, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 4.062, 347.091 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(178, 169, 173) }
```

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

```
.border{ border-color:rgb(178, 169, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 169, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 169, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 169, 173);  
box-shadow:4px 4px 4px 4px rgb(178, 169,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 4.062, 347.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 169, 173) }
```

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

```
.background{ background-color: rgb(178,  
169, 173) }
```

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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