

Converting Colors

CIELCh(70, 7.188, 347.868)

Have a look what the booklet for
CIELCh(70, 7.188, 347.868) contains.

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Color

CIELCh(70, 7.188, 347.868)

Conversions

Conversions Part 1

Format	Color
Hex	B7A7AE
RGB	183, 167, 174
RGB Percent	72%, 65%, 68%
CMY	0.2824, 0.3452, 0.3177
CMYK	0.00, 0.09, 0.05, 0.28
HSL	334°, 10%, 69%
HSV	334°, 9%, 72%
XYZ	40.9759, 40.7494, 45.7392
YIQ	172.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

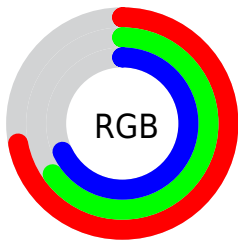
Format	Color
RYB	183, 167, 174
Decimal	12036014
CIELab	70.00, 7.03, -1.51
CIElCh	70, 7.188, 347.868
Yxy	40.7494, 0.3215, 0.3197
Android (android.graphics.Color)	4290226094 (0xFFB7A7AE)
YUV	172.5820, 0.6991, 9.1366
Hunter-Lab	63.8353, 2.8675, 2.2023

Details

The CIELCh color **70, 7.188, 347.868** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 7.077, 166.471**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 7.133, 349.264**, and **50, 7.334, 346.410** is the 20% darker color. If you saturate the color by 10%, you get **65, 15.608, 348.870**, and if you desaturate by 10%, it is **75, 1.011, 167.464**.

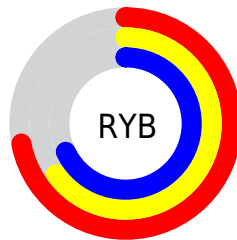
Distribution



Red (72%)

Green (65%)

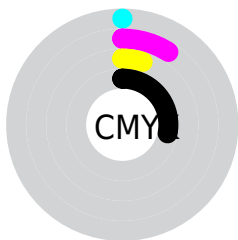
Blue (68%)



Red (72%)

Yellow (65%)

Blue (68%)

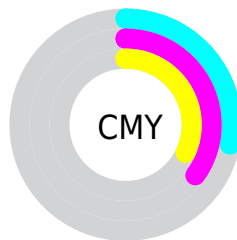


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.188, 347.868 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, 7.188, 347.868 by changing the saturation by 10% instead.

■ 70, 7.188, 347.868

■ 70, 7.188, 347.868

■ 100, 7.188,
347.868

■ 60, 7.188, 347.868

■ 90, 7.188, 347.868

■ 50, 7.188, 347.868

■ 40, 7.188, 347.868

■ 30, 7.188, 347.868

■ 20, 7.188, 347.868

■ 10, 7.188, 347.868

■ 0, 7.188, 347.868

■ 70, 7.188, 347.868

■ 70, 7.188, 347.868

■ 65, 15.608,

■ 75, 1.011, 167.464

348.870

80, 8.934, 166.332

60, 24.158,
349.974

85, 16.564,
165.601

56, 32.673,
351.243

91, 23.901,
164.943

52, 40.902,
352.736

95, 29.028,
166.036

48, 48.503,
354.537

95, 26.180,
175.495

44, 55.059,
356.762

95, 24.117,
186.844

42, 60.166,
359.563

95, 23.140,
197.991

40, 63.581, 3.109

39, 65.570, 7.441

Harmonies

Complementary

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



70, 7.188, 347.868



73, 7.077, 166.471

Rectangle

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



70, 7.188, 347.868



70, 7.188, 37.868



70, 7.188, 167.868



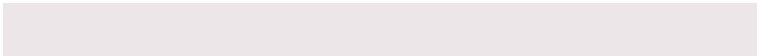
70, 7.188, 217.868

Sweetspot

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



70, 7.186, 347.874



92, 3.022, 347.266



70, 9.400, 311.153



49, 2.311, 347.370



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, 7.186, 347.874



88, 10.169, 348.013



70, 5.853, 24.095



36, 4.674, 347.933



33, 58.365, 7.319



2, 11.818, 354.342

Inverse Universe

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



70, 7.186, 347.874



88, 10.169, 348.013



73, 5.538, 203.558



36, 4.674, 347.933



33, 58.365, 7.319



2, 11.818, 354.342

Previews

White Background



This preview shows how the CIELCh color 70, 7.188, 347.868 looks on a white background.

Color Contrast Check

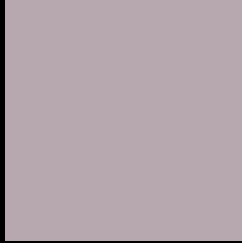
Large Text (above 18pt) WCAG AA × Fail

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, 7.188, 347.868 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, 7.188, 347.868

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.188, 347.868.



This preview shows how white text looks on a background with the CIELCh color 70, 7.188, 347.868.

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, 7.188, 347.868

Protanopia

70, 3.491, 309.184

Deuteranopia

70, 8.779, 350.342



Tritanopia
70, 9.845, 334.019

Trichromacy



Original Color
70, 7.188, 347.868

Protanomaly
70, 4.479, 332.561

Deuteranomaly
70, 8.450, 349.003

Tritanomaly
70, 9.097, 338.804

Monochromacy



Original Color
70, 7.188, 347.868

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.526, 353.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.188, 347.868 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.188, 347.868 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, 174) }
```

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

```
.border{ border-color:rgb(183, 167, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 167, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 167, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 167,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.188, 347.868 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, 174) }
```

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

```
.background{ background-color: rgb(183,  
167, 174) }
```

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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