

Converting Colors

CIELCh(70, 7.378, 332.039)

Have a look what the booklet for
CIELCh(70, 7.378, 332.039) contains.

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Color

CIELCh(70, 7.370, 332.041)

Conversions

Conversions Part 1

Format	Color
Hex	B4A7B1
RGB	180, 167, 177
RGB Percent	71%, 65%, 69%
CMY	0.2924, 0.3433, 0.3041
CMYK	0.00, 0.07, 0.02, 0.29
HSL	314°, 8%, 68%
HSV	314°, 7%, 71%
XYZ	40.8076, 40.7494, 47.5439
YIQ	172.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

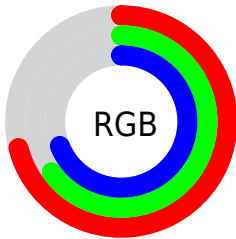
Format	Color
RYB	180, 167, 177
Decimal	11839409
CIELab	70.00, 6.51, -3.46
CIELCh	70, 7.370, 332.041
Yxy	40.7494, 0.3161, 0.3156
Android (android.graphics.Color)	4290029489 (0xFFB4A7B1)
YUV	172.0270, 2.4517, 6.9923
Hunter-Lab	63.8353, 2.3971, 0.5261

Details

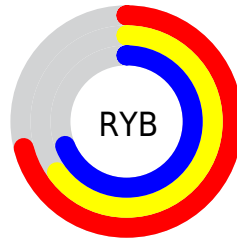
The CIELCh color $70, 7.370, 332.041$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 7.341, 151.204$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 7.627, 331.359$, and $50, 7.162, 332.896$ is the 20% darker color. If you saturate the color by 10%, you get $65, 17.698, 332.717$, and if you desaturate by 10%, it is $75, 2.818, 151.566$.

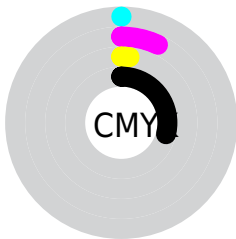
Distribution



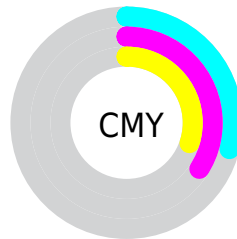
- Red (71%)
- Green (65%)
- Blue (69%)



- Red (71%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.370, 332.041 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, 7.370, 332.041 by changing the saturation by 10% instead.

■ 70, 7.370, 332.041

■ 70, 7.370, 332.041

■ 100, 7.370,
332.041

■ 60, 7.370, 332.041

■ 90, 7.370, 332.041

■ 50, 7.370, 332.041

■ 40, 7.370, 332.041

■ 30, 7.370, 332.041

■ 20, 7.370, 332.041

■ 10, 7.370, 332.041

■ 0, 7.370, 332.041

■ 70, 7.370, 332.041

■ 70, 7.370, 332.041

■ 65, 17.698,

■ 75, 2.818, 151.566

332.717

80, 12.778,
150.892

61, 28.035,
333.404

85, 22.468,
150.320

56, 38.172,
334.119

90, 31.867,
149.784

52, 47.811,
334.867

94, 39.399,
149.644

49, 56.565,
335.656

94, 37.769,
151.710

46, 63.976,
336.504

94, 36.179,
153.949

44, 69.588,
337.437

94, 34.636,
156.379

42, 73.065,
338.494

94, 33.147,
159.021

41, 74.419,
339.715

Harmonies

Complementary

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



70, 7.370, 332.041



72, 7.341, 151.204

Rectangle

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



70, 7.370, 332.041



70, 7.370, 22.041



70, 7.370, 152.041



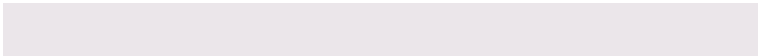
70, 7.370, 202.041

Sweetspot

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



70, 7.368, 332.043



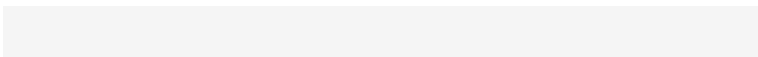
92, 2.526, 331.616



69, 7.236, 299.116



49, 1.435, 331.601



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, 7.368, 332.043



88, 11.405, 332.176



70, 5.351, 357.712



35, 5.748, 332.187



34, 66.239, 339.879



2, 12.955, 335.141

Inverse Universe

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



70, 7.368, 332.043



88, 11.405, 332.176



72, 5.233, 176.559



35, 5.748, 332.187



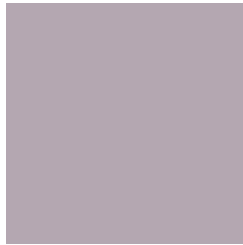
34, 66.239, 339.879



2, 12.955, 335.141

Previews

White Background



This preview shows how the CIELCh color 70, 7.370, 332.041 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, 7.370, 332.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

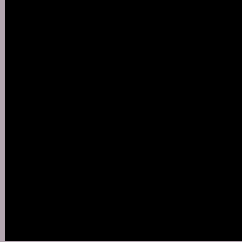
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

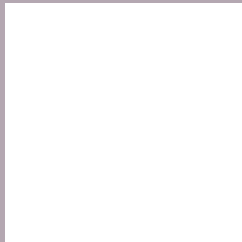
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.370, 332.041

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.370, 332.041.



This preview shows how white text looks on a background with the CIELCh color 70, 7.370, 332.041.

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, 7.370, 332.041

Protanopia

70, 5.001, 299.173

Deuteranopia

70, 9.736, 337.902



Tritanopia
70, 8.873, 326.827

Trichromacy



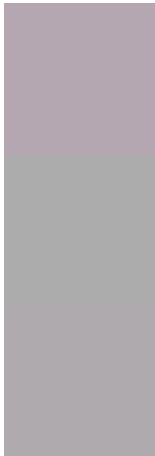
Original Color
70, 7.370, 332.041

Protanomaly
70, 5.444, 314.846

Deuteranomaly
70, 8.538, 335.355

Tritanomaly
70, 8.442, 329.032

Monochromacy



Original Color
70, 7.370, 332.041

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.906, 330.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.370, 332.041 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(180, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 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(180, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.370, 332.041 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(180, 167, 177) }
```

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

```
.border{ border-color:rgb(180, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.370, 332.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 177) }
```

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

```
.background{ background-color: rgb(180,  
167, 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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