

Converting Colors

CIELCh(70, 15.652, 324.965)

Have a look what the booklet for
CIELCh(70, 15.652, 324.965)
contains.

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Color

CIELCh(70, 15.701, 323.969)

Conversions

Conversions Part 1

Format	Color
Hex	BBA4BC
RGB	187, 164, 188
RGB Percent	73%, 64%, 74%
CMY	0.2666, 0.3568, 0.2627
CMYK	0.01, 0.13, 0.00, 0.26
HSL	297°, 15%, 69%
HSV	297°, 13%, 74%
XYZ	42.8490, 40.7494, 53.1872
YIQ	173.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

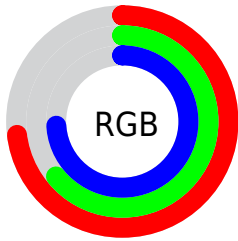
Format	Color
R _Y B	187, 164, 188
Decimal	12297404
CIE Lab	70.00, 12.70, -9.24
CIE LCh	70, 15.701, 323.969
Yxy	40.7494, 0.3133, 0.2979
Android (android.graphics.Color)	4290487484 (0xFFBBA4BC)
YUV	173.6130, 7.0928, 11.7404
Hunter-Lab	63.8353, 8.1052, -4.7154

Details

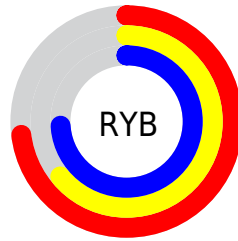
The CIELCh color $70, 15.701, 323.969$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 15.666, 142.618$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.561, 323.890$, and $50, 16.010, 324.119$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.091, 324.489$, and if you desaturate by 10%, it is $75, 3.381, 323.398$.

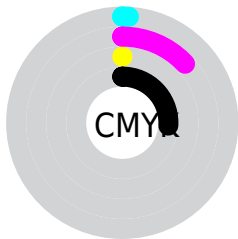
Distribution



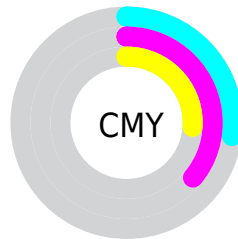
- Red (73%)
- Green (64%)
- Blue (74%)



- Red (73%)
- Yellow (64%)
- Blue (74%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)





- Cyan (27%)
- Magenta (36%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.701, 323.969 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, 15.701, 323.969 by changing the saturation by 10% instead.


 70, 15.701,
323.969


 70, 15.701,
323.969


 100, 15.701,
323.969


 60, 15.701,
323.969


 90, 15.701,
323.969

 50, 15.701,
323.969

 40, 15.701,
323.969

 30, 15.701,
323.969

 20, 15.701,
323.969

 10, 15.701,
323.969

 0, 15.701, 323.969

70, 15.701,
323.969

70, 15.701,
323.969

65, 28.091,
324.489

75, 3.381, 323.398

61, 40.355,
324.991

80, 8.731, 142.989

57, 52.203,
325.459

85, 20.555,
142.483

53, 63.255,
325.875

90, 32.048,
142.009

50, 73.049,
326.219

94, 41.403,
141.587

47, 81.104,
326.469

94, 41.247,
141.296


45, 87.012,
326.609


94, 41.092,
141.003

44, 90.588,

95, 40.938,
140.706

326.631

 95, 40.784,
140.406

 43, 92.097,
326.593

Harmonies

Complementary

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



70, 15.701, 323.969



74, 15.666, 142.618

Rectangle

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



70, 15.701, 323.969



70, 15.701, 13.969



70, 15.701, 143.969



70, 15.701, 193.969

Sweetspot

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



70, 15.699, 323.969



94, 6.065, 323.488



68, 12.555, 289.497



50, 4.310, 323.534



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 15.699, 323.969



87, 22.889, 324.100



70, 11.610, 342.042



37, 6.977, 323.787



36, 81.016, 326.614



3, 21.018, 323.635

Inverse Universe

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



69, 9.316, 16.846



87, 13.689, 17.074



74, 11.461, 160.052



37, 4.098, 16.543



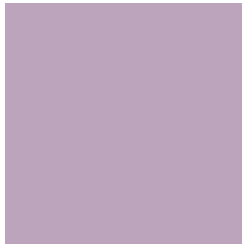
32, 71.201, 37.969



3, 12.269, 17.003

Previews

White Background



This preview shows how the CIELCh color 70, 15.701, 323.969 looks on a white background.

Color Contrast Check

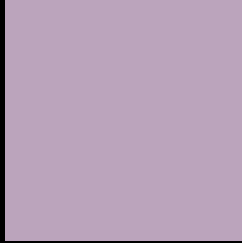
Large Text (above 18pt) WCAG AA × Fail

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, 15.701, 323.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

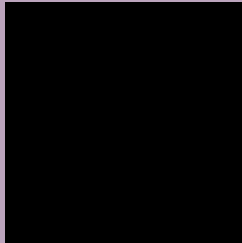
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 15.701, 323.969

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.701, 323.969.



This preview shows how white text looks on a background with the CIELCh color 70, 15.701, 323.969.

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, 15.701, 323.969

Protanopia

70, 12.062, 287.996

Deuteranopia

70, 13.168, 314.158



Tritanopia
70, 10.377, 337.116

Trichromacy



Original Color
70, 15.701, 323.969

Protanomaly
70, 12.903, 302.678

Deuteranomaly
70, 14.299, 318.805

Tritanomaly
70, 12.210, 330.866

Monochromacy



Original Color
70, 15.701, 323.969

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.992, 324.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.701, 323.969 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(187, 164, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 164, 188)  
}
```

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(187, 164, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 164, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.701, 323.969 is called "border". The border property can be set on classes, ids or directly on the HTML element.

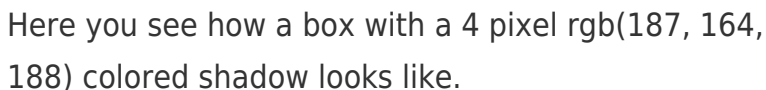
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 164, 188) }
```

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

```
.border{ border-color:rgb(187, 164, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 164, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 164, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 164, 188); box-shadow:4px 4px 4px 4px rgb(187, 164, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.701, 323.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 164, 188) }
```

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

```
.background{ background-color: rgb(187,  
164, 188) }
```

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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