

Converting Colors

CIELCh(70, 12.966, 295.852)

Have a look what the booklet for
CIELCh(70, 12.966, 295.852)
contains.

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Color

CIELCh(70, 12.644, 294.667)

Conversions

Conversions Part 1

Format	Color
Hex	ABA9C0
RGB	171, 169, 192
RGB Percent	67%, 66%, 75%
CMY	0.3301, 0.3379, 0.2477
CMYK	0.11, 0.12, 0.00, 0.25
HSL	245°, 15%, 71%
HSV	245°, 12%, 75%
XYZ	40.4088, 40.7494, 55.5039
YIQ	172.2200, -6.1910, 7.5770

Conversions

Conversions Part 2

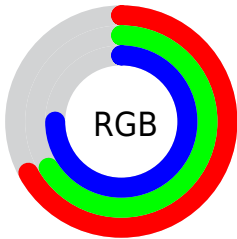
Format	Color
RYB	171, 169, 192
Decimal	11250112
CIELab	70.00, 5.28, -11.49
CIELCh	70, 12.644, 294.667
Yxy	40.7494, 0.2957, 0.2982
Android (android.graphics.Color)	4289440192 (0xFFABA9C0)
YUV	172.2200, 9.7515, -1.0699
Hunter-Lab	63.8353, 1.2818, -6.8672

Details

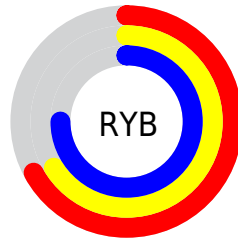
The CIELCh color $70, 12.644, 294.667$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $77, 12.305, 112.604$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 12.520, 294.325$, and $50, 12.925, 295.158$ is the 20% darker color. If you saturate the color by 10%, you get $64, 23.656, 295.721$, and if you desaturate by 10%, it is $76, 2.062, 293.770$.

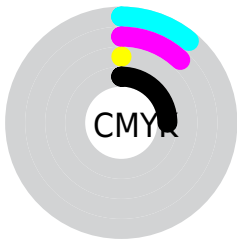
Distribution



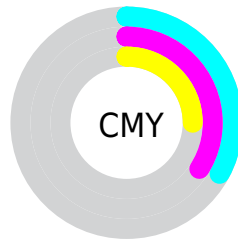
- Red (67%)
- Green (66%)
- Blue (75%)



- Red (67%)
- Yellow (66%)
- Blue (75%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)





- Cyan (33%)
- Magenta (34%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.644, 294.667 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, 12.644, 294.667 by changing the saturation by 10% instead.


 70, 12.644,
294.667

 70, 12.644,
294.667


 100, 12.644,
294.667


 60, 12.644,
294.667


 90, 12.644,
294.667

 50, 12.644,
294.667

 40, 12.644,
294.667

 30, 12.644,
294.667

 20, 12.644,
294.667

 10, 12.644,
294.667

 0, 12.644, 294.667

70, 12.644,
294.667

70, 12.644,
294.667

64, 23.656,
295.721

76, 2.062, 293.770

57, 35.128,
296.951

83, 8.113, 112.978

51, 47.059,
298.366

89, 17.912,
112.318

45, 59.396,
299.960

95, 27.360,
111.752

39, 71.945,
301.686

99, 31.803,
107.758

33, 84.214,
303.427

28, 95.200,
304.972

25, 103.364,

306.036

■ 23, 107.561,
306.551

Harmonies

Complementary

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



70, 12.644, 294.667



77, 12.305, 112.604

Rectangle

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



70, 12.644, 294.667



70, 12.644, 344.667



70, 12.644, 114.667



70, 12.644, 164.667

Sweetspot

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



70, 12.642, 294.664



95, 5.156, 293.939



75, 7.585, 206.746



50, 3.667, 294.004



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 12.642, 294.664



87, 18.384, 294.886



71, 13.549, 312.421



37, 5.999, 294.414



19, 94.243, 306.601



1, 19.514, 293.484

Inverse Universe

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



72, 14.298, 327.540



90, 20.723, 327.671



76, 13.366, 131.427



38, 6.809, 327.385



37, 76.473, 331.978



4, 22.333, 329.435

Previews

White Background



This preview shows how the CIELCh color 70, 12.644, 294.667 looks on a white background.

Color Contrast Check

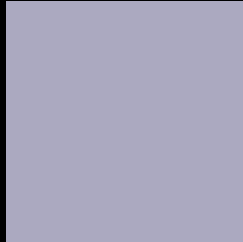
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 12.644, 294.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

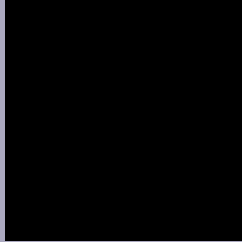
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

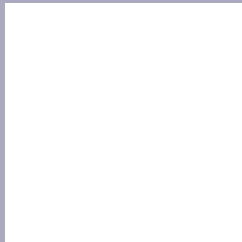
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.644, 294.667

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.644, 294.667.

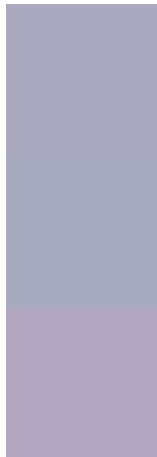


This preview shows how white text looks on a background with the CIELCh color 70, 12.644, 294.667.

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, 12.644, 294.667

Protanopia

70, 12.062, 287.996

Deuteranopia

70, 14.331, 307.570



Tritanopia
70, 7.677, 288.237

Trichromacy



Original Color
70, 12.644, 294.667

Protanomaly
70, 12.052, 289.682

Deuteranomaly
70, 13.440, 302.249

Tritanomaly
70, 9.316, 291.109

Monochromacy



Original Color
70, 12.644, 294.667

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.405, 295.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.644, 294.667 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(171, 169, 192)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 192)  
}
```

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(171, 169, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.644, 294.667 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(171, 169, 192) }
```

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

```
.border{ border-color:rgb(171, 169, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 169, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 169, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 169, 192);  
box-shadow:4px 4px 4px 4px rgb(171, 169,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.644, 294.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 192) }
```

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

```
.background{ background-color: rgb(171,  
169, 192) }
```

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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