

Converting Colors

CIELCh(70, 12.115, 296.456)

Have a look what the booklet for
CIELCh(70, 12.115, 296.456)
contains.

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Color

CIELCh(70, 12.128, 296.461)

Conversions

Conversions Part 1

Format	Color
Hex	ACA9BF
RGB	172, 169, 191
RGB Percent	67%, 66%, 75%
CMY	0.3267, 0.3384, 0.2522
CMYK	0.10, 0.12, 0.00, 0.25
HSL	248°, 15%, 70%
HSV	248°, 12%, 75%
XYZ	40.4498, 40.7494, 54.8471
YIQ	172.4050, -5.2740, 7.4780

Conversions

Conversions Part 2

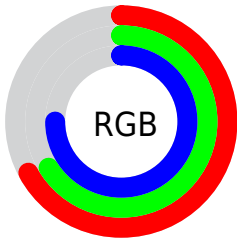
Format	Color
R _Y B	172, 169, 191
Decimal	11315647
CIE Lab	70.00, 5.40, -10.86
CIE LCh	70, 12.128, 296.461
Yxy	40.7494, 0.2973, 0.2995
Android (android.graphics.Color)	4289505727 (0xFFACA9BF)
YUV	172.4050, 9.1673, -0.3552
Hunter-Lab	63.8353, 1.3965, -6.2571

Details

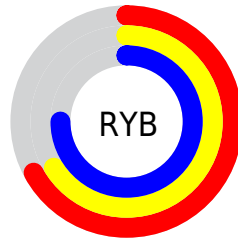
The CIELCh color $70, 12.128, 296.461$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 11.820, 114.653$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 12.030, 296.060$, and $50, 12.374, 296.998$ is the 20% darker color. If you saturate the color by 10%, you get $64, 23.088, 297.409$, and if you desaturate by 10%, it is $76, 1.588, 295.645$.

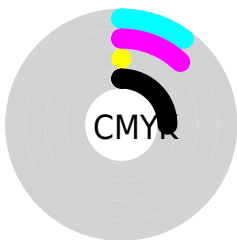
Distribution



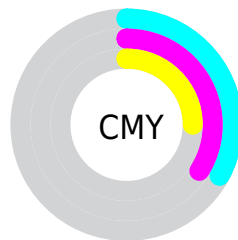
- Red (67%)
- Green (66%)
- Blue (75%)



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



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.128, 296.461 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, 12.128, 296.461 by changing the saturation by 10% instead.


 70, 12.128,
296.461


 70, 12.128,
296.461


 100, 12.128,
296.461


 60, 12.128,
296.461


 90, 12.128,
296.461

 50, 12.128,
296.461

 40, 12.128,
296.461

 30, 12.128,
296.461

 20, 12.128,
296.461

 10, 12.128,
296.461

 0, 12.128, 296.461

70, 12.128,
296.461

70, 12.128,
296.461

64, 23.088,
297.409

76, 1.588, 295.645

57, 34.491,
298.510

83, 8.553, 114.933

51, 46.328,
299.766

89, 18.322,
114.331

45, 58.537,
301.169

95, 27.744,
113.814

39, 70.920,
302.675

99, 32.369,
108.350

34, 83.009,
304.182

99, 32.365,
107.715

29, 93.880,
305.503

25, 102.120,

306.387

■ 24, 106.679,
306.793

Harmonies

Complementary

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



70, 12.128, 296.461



76, 11.820, 114.653

Rectangle

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



70, 12.128, 296.461



70, 12.128, 346.461



70, 12.128, 116.461



70, 12.128, 166.461

Sweetspot

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



70, 12.126, 296.458



95, 3.841, 295.757



75, 6.977, 212.112



51, 2.938, 295.820



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, 12.126, 296.458



87, 18.280, 296.700



71, 13.115, 314.052



37, 5.884, 296.268



19, 92.756, 306.865



1, 17.496, 294.432

Inverse Universe

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



72, 13.223, 329.056



89, 19.858, 329.221



76, 12.966, 133.110



37, 6.435, 328.921



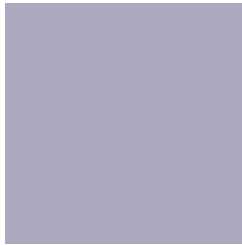
36, 72.761, 334.434



3, 18.779, 330.928

Previews

White Background



This preview shows how the CIELCh color 70, 12.128, 296.461 looks on a white background.

Color Contrast Check

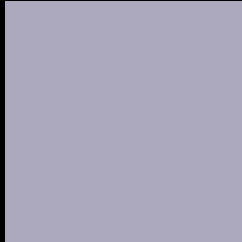
Large Text (above 18pt) WCAG AA × Fail

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, 12.128, 296.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

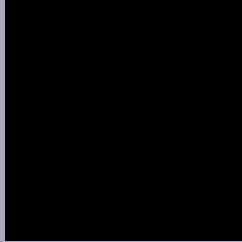
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

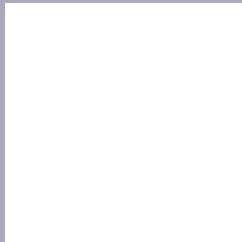
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.128, 296.461

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.128, 296.461.



This preview shows how white text looks on a background with the CIELCh color 70, 12.128, 296.461.

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, 12.128, 296.461

Protanopia

70, 11.516, 287.773

Deuteranopia

70, 14.452, 308.963



Tritanopia
70, 7.126, 290.895

Trichromacy



Original Color
70, 12.128, 296.461

Protanomaly
70, 11.505, 289.544

Deuteranomaly
70, 13.613, 305.250

Tritanomaly
70, 8.782, 293.420

Monochromacy



Original Color
70, 12.128, 296.461

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, 12.128, 296.461 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(172, 169, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 169, 191)  
}
```

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(172, 169, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 169, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.128, 296.461 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(172, 169, 191) }
```

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

```
.border{ border-color:rgb(172, 169, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 169, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 169, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 169, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 169,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.128, 296.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 169, 191) }
```

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

```
.background{ background-color: rgb(172,  
169, 191) }
```

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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