

Converting Colors

CIELCh(70, 27.378, 349.836)

Have a look what the booklet for
CIELCh(70, 27.378, 349.836)
contains.

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Color

CIELCh(70, 27.267, 349.647)

Conversions

Conversions Part 1

Format	Color
Hex	D79AB5
RGB	215, 154, 181
RGB Percent	84%, 60%, 71%
CMY	0.1580, 0.3971, 0.2913
CMYK	0.00, 0.28, 0.16, 0.16
HSL	333°, 43%, 72%
HSV	333°, 28%, 84%
XYZ	47.7619, 40.7494, 48.9151
YIQ	175.3170, 27.6890, 21.3290

Conversions

Conversions Part 2

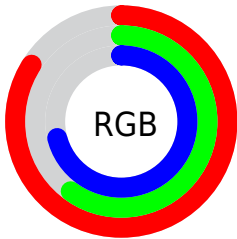
Format	Color
R _Y B	215, 154, 181
Decimal	14129845
CIE Lab	70.00, 26.82, -4.90
CIE LCh	70, 27.267, 349.647
Yxy	40.7494, 0.3475, 0.2965
Android (android.graphics.Color)	4292319925 (0xFFD79AB5)
YUV	175.3170, 2.8017, 34.8020
Hunter-Lab	63.8353, 21.8429, -0.7475

Details

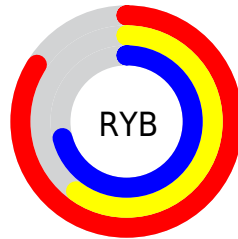
The CIELCh color $70, 27.267, 349.647$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 26.029, 164.164$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 21.977, 339.622$, and $50, 27.223, 349.646$ is the 20% darker color. If you saturate the color by 10%, you get $65, 36.980, 350.922$, and if you desaturate by 10%, it is $75, 17.503, 348.541$.

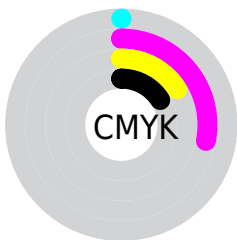
Distribution



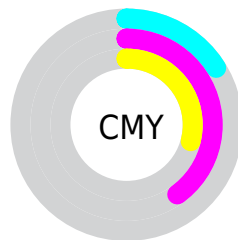
- Red (84%)
- Green (60%)
- Blue (71%)



- Red (84%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (16%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.267, 349.647 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, 27.267, 349.647 by changing the saturation by 10% instead.


 70, 27.267,
349.647


 70, 27.267,
349.647


 100, 27.267,
349.647


 60, 27.267,
349.647


 90, 27.267,
349.647

 50, 27.267,
349.647

 40, 27.267,
349.647

 30, 27.267,
349.647

 20, 27.267,
349.647

 10, 27.267,
349.647

 0, 27.267, 349.647

70, 27.267,
349.647

70, 27.267,
349.647

65, 36.980,
350.922

75, 17.503,
348.541

60, 46.358,
352.421

81, 7.887, 347.541

87, 1.471, 167.038

56, 54.995,
354.232

93, 10.514,
165.993

52, 62.406,
356.473

97, 15.823,
170.586

49, 68.121,
359.300

97, 13.654,
193.253

47, 71.866, 2.889

97, 13.505,

46, 73.877, 7.325

198.604

46, 74.174, 8.063

Harmonies

Complementary

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



70, 27.267, 349.647



81, 26.029, 164.164

Rectangle

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



70, 27.267, 349.647



70, 27.267, 39.647



70, 27.267, 169.647



70, 27.267, 219.647

Sweetspot

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



70, 27.264, 349.649



94, 9.726, 347.609



68, 35.628, 312.097



49, 6.772, 347.752



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 27.264, 349.649



78, 37.631, 350.381



70, 23.456, 25.545



42, 5.326, 347.641



36, 62.540, 7.215



5, 23.022, 358.027

Inverse Universe

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



70, 27.264, 349.649



78, 37.631, 350.381



81, 19.241, 202.939



42, 5.326, 347.641



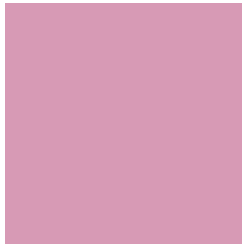
36, 62.540, 7.215



5, 23.022, 358.027

Previews

White Background



This preview shows how the CIELCh color 70, 27.267, 349.647 looks on a white background.

Color Contrast Check

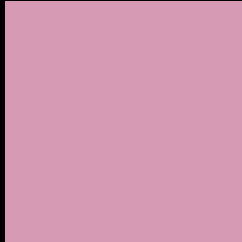
Large Text (above 18pt) WCAG AA × Fail

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, 27.267, 349.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

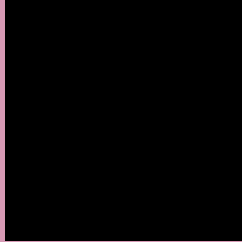
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.267, 349.647

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.267, 349.647.

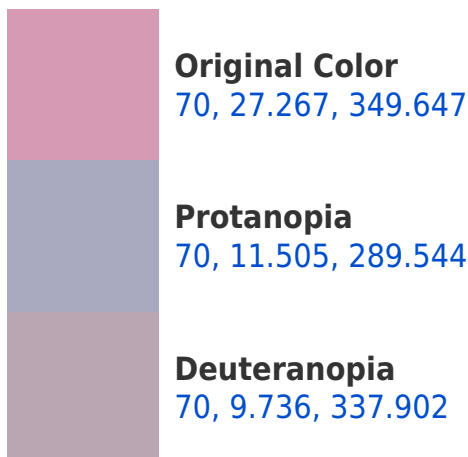


This preview shows how white text looks on a background with the CIELCh color 70, 27.267, 349.647.

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





Tritanopia
70, 23.098, 5.346

Trichromacy



Original Color
70, 27.267, 349.647

Protanomaly
70, 15.050, 323.894

Deuteranomaly
70, 15.861, 345.126

Tritanomaly
70, 24.674, 358.587

Monochromacy



Original Color
70, 27.267, 349.647

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.971, 347.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.267, 349.647 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(215, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(215, 154, 181)  
}
```

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(215, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 154, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.267, 349.647 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(215, 154, 181) }
```

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

```
.border{ border-color:rgb(215, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(215, 154,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.267, 349.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 154, 181) }
```

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

```
.background{ background-color: rgb(215,  
154, 181) }
```

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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