

# Converting Colors

CIELCh(70, 30.275, 336.059)

Have a look what the booklet for  
CIELCh(70, 30.275, 336.059)  
contains.

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# Color

**CIELCh(70, 30.175, 336.143)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D39AC2
RGB	211, 154, 194
RGB Percent	83%, 60%, 76%
CMY	0.1734, 0.3968, 0.2400
CMYK	0.00, 0.27, 0.08, 0.17
HSL	318°, 39%, 71%
HSV	318°, 27%, 83%
XYZ	48.0413, 40.7494, 56.2517
YIQ	175.6030, 21.1320, 24.5240

# Conversions

## Conversions Part 2

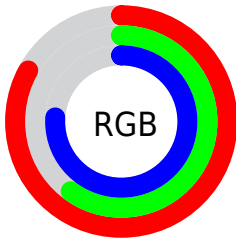
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 154, 194
Decimal	13867714
CIE <sub>Lab</sub>	70.00, 27.60, -12.20
CIE <sub>LCh</sub>	70, 30.175, 336.143
Yxy	40.7494, 0.3312, 0.2809
Android (android.graphics.Color)	4292057794 (0xFFD39AC2)
YUV	175.6030, 9.0697, 31.0432
Hunter-Lab	63.8353, 22.6243, -7.5617

# Details

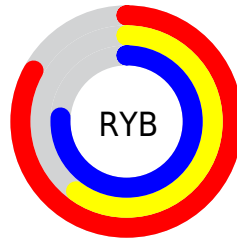
The CIELCh color **70, 30.175, 336.143** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80, 29.873, 152.080**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 27.180, 327.916**, and **50, 30.225, 336.608** is the 20% darker color. If you saturate the color by 10%, you get **65, 41.184, 336.955**, and if you desaturate by 10%, it is **75, 18.959, 335.382**.

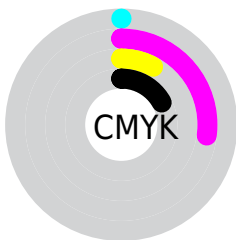
# Distribution



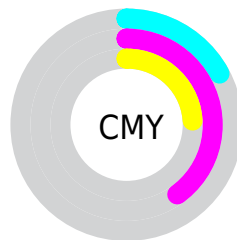
- Red (83%)
- Green (60%)
- Blue (76%)



- Red (83%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (8%)
- Black (17%)




- Cyan (17%)
- Magenta (40%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 30.175, 336.143 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, 30.175, 336.143 by changing the saturation by 10% instead.





 70, 30.175,  
336.143


 70, 30.175,  
336.143


 100, 30.175,  
336.143


 60, 30.175,  
336.143


 90, 30.175,  
336.143


 50, 30.175,  
336.143

 40, 30.175,  
336.143

 30, 30.175,  
336.143

 20, 30.175,  
336.143

 10, 30.175,  
336.143

 0, 30.175, 336.143

70, 30.175,  
336.143

70, 30.175,  
336.143

65, 41.184,  
336.955

75, 18.959,  
335.382

60, 51.662,  
337.831

81, 7.775, 334.646

86, 3.233, 154.133

56, 61.164,  
338.791

92, 13.978,  
153.420

53, 69.162,  
339.870

96, 21.890,  
154.071

50, 75.128,  
341.115

96, 19.660,  
160.541

48, 78.679,  
342.595


97, 17.713,  
168.498

47, 79.800,  
344.382

97, 16.157,  
178.151

47, 79.916,

344.948

 97, 15.118,  
189.450

# Harmonies

# Complementary

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



70, 30.175, 336.143



80, 29.873, 152.080

# Rectangle

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



70, 30.175, 336.143



70, 30.175, 26.143



70, 30.175, 156.143



70, 30.175, 206.143

# Sweetspot

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



70, 30.172, 336.144



95, 10.329, 334.725



67, 32.152, 303.036



50, 7.349, 334.837



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, 30.172, 336.144



80, 41.641, 336.568



69, 23.186, 4.923



41, 6.243, 334.822



37, 67.787, 344.605



5, 24.733, 340.830



# Inverse Universe

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



70, 30.172, 336.144



80, 41.641, 336.568



80, 20.857, 179.464



41, 6.243, 334.822



37, 67.787, 344.605

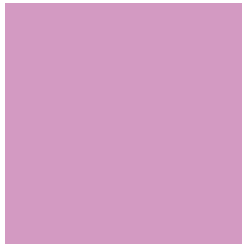


5, 24.733, 340.830



# Previews

## White Background



This preview shows how the CIELCh color 70, 30.175, 336.143 looks on a white background.

## Color Contrast Check

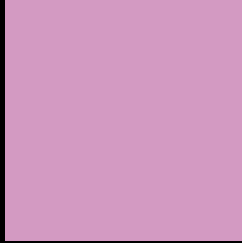
Large Text (above 18pt) WCAG AA × Fail

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, 30.175, 336.143 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

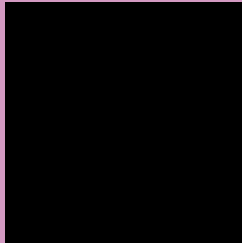
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 70, 30.175, 336.143

## Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.175, 336.143.

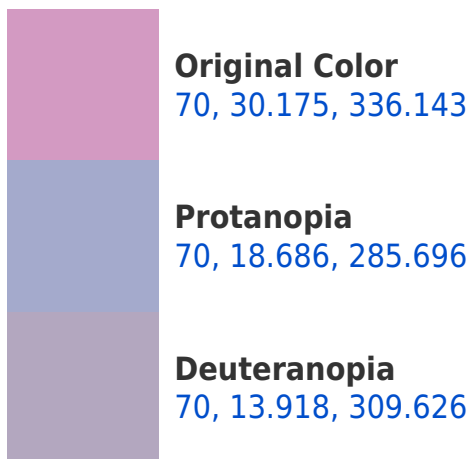


This preview shows how white text looks on a background with the CIELCh color 70, 30.175, 336.143.

# 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, 20.406, 2.791

# Trichromacy



**Original Color**  
70, 30.175, 336.143

**Protanomaly**  
70, 20.750, 308.948

**Deuteranomaly**  
70, 19.625, 324.355

**Tritanomaly**  
70, 23.647, 349.820

# Monochromacy



**Original Color**  
70, 30.175, 336.143

**Achromatopsia**  
71, 0.009, 296.813

**Achromatomaly**  
71, 11.387, 334.436

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 70, 30.175, 336.143 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(211, 154, 194)` looks like.

```
.text, #text, p{  
    color:rgb(211, 154, 194)  
}
```

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(211, 154, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 154, 194) }
```

## Border

The CSS property to change the border of an element to CIELCh 70, 30.175, 336.143 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(211, 154, 194) }
```

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

```
.border{ border-color:rgb(211, 154, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 154, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 154, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 154, 194);  
box-shadow:4px 4px 4px 4px rgb(211, 154,  
194) }
```

# Background

The CSS property to change the background color of an element to CIELCh 70, 30.175, 336.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 154, 194) }
```

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

```
.background{ background-color: rgb(211,  
154, 194) }
```

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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