

# Converting Colors

CIELCh(69, 35.153, 342.904)

Have a look what the booklet for  
CIELCh(69, 35.153, 342.904)  
contains.

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**Color**

**CIELCh(69, 35.255, 342.690)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB92BC
RGB	219, 146, 188
RGB Percent	86%, 57%, 74%
CMY	0.1404, 0.4267, 0.2620
CMYK	0.00, 0.33, 0.14, 0.14
HSL	325°, 50%, 72%
HSV	325°, 33%, 86%
XYZ	48.6778, 39.3444, 52.7125
YIQ	172.6150, 30.0260, 28.5380

# Conversions

## Conversions Part 2

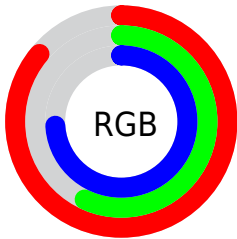
Format	Color
R <sub>Y</sub> B	219, 146, 188
Decimal	14389948
CIE Lab	69.00, 33.66, -10.49
CIE LCh	69, 35.255, 342.690
Yxy	39.3444, 0.3459, 0.2796
Android (android.graphics.Color)	4292580028 (0xFFDB92BC)
YUV	172.6150, 7.5848, 40.6796
Hunter-Lab	62.7251, 28.7559, -5.9182

# Details

The CIELCh color  $69, 35.255, 342.690$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $82, 34.324, 156.790$ , and the grayscale version is  $71, 0.009, 296.813$ .

A 20% lighter version of the original color is  $87, 29.442, 332.009$ , and  $49, 35.468, 342.568$  is the 20% darker color. If you saturate the color by 10%, you get  $64, 45.561, 343.785$ , and if you desaturate by 10%, it is  $74, 24.626, 341.717$ .

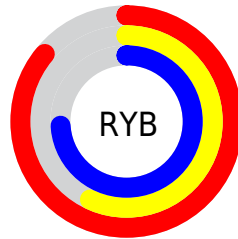
# Distribution



Red (86%)

Green (57%)

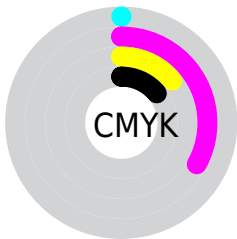
Blue (74%)



Red (86%)

Yellow (57%)

Blue (74%)

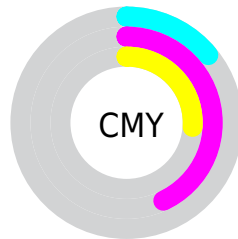


Cyan (0%)

Magenta (33%)

Yellow (14%)

Black (14%)



Cyan (14%)

Magenta (43%)


Yellow (26%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 35.255, 342.690 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 69, 35.255, 342.690 by changing the saturation by 10% instead.





 69, 35.255,  
342.690

 69, 35.255,  
342.690


 100, 35.255,  
342.690


 59, 35.255,  
342.690


 89, 35.255,  
342.690

 49, 35.255,  
342.690

 99, 35.255,  
342.690

 39, 35.255,  
342.690

 29, 35.255,  
342.690

 19, 35.255,  
342.690

 9, 35.255, 342.690

 0, 35.255, 342.690

69, 35.255,  
342.690

69, 35.255,  
342.690

64, 45.561,  
343.785

74, 24.626,  
341.717

59, 55.162,  
345.039

80, 13.961,  
340.829

56, 63.554,  
346.518

86, 3.437, 339.940

91, 6.839, 159.383

52, 70.190,  
348.308

97, 16.342,  
159.139

50, 74.609,  
350.527

97, 13.608,  
174.268

48, 76.638,  
353.315

98, 12.146,  
194.717

48, 77.030,  
355.484

98, 12.062,  
198.700



# Harmonies

# Complementary

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



69, 35.255, 342.690



82, 34.324, 156.790

# Rectangle

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



69, 35.255, 342.690



69, 35.255, 32.690



69, 35.255, 162.690



69, 35.255, 212.690

# Sweetspot

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



69, 35.252, 342.691



94, 11.825, 340.554



66, 41.908, 307.971



49, 8.079, 340.675



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

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



69, 35.252, 342.691



75, 47.708, 343.446



68, 29.520, 16.007



43, 5.936, 340.499



38, 64.834, 354.886



6, 25.979, 349.134



# Inverse Universe

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



69, 35.252, 342.691



75, 47.708, 343.446



83, 24.323, 190.054



43, 5.936, 340.499



38, 64.834, 354.886



6, 25.979, 349.134



# Previews

## White Background



This preview shows how the CIELCh color 69, 35.255, 342.690 looks on a white background.

## Color Contrast Check

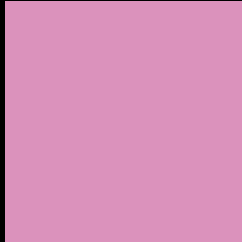
Large Text (above 18pt) WCAG AA × Fail

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 69, 35.255, 342.690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

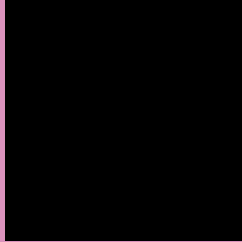
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 69, 35.255, 342.690

## Background



This preview shows how black text looks on a background with the CIELCh color 69, 35.255, 342.690.



This preview shows how white text looks on a background with the CIELCh color 69, 35.255, 342.690.

# 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**  
69, 26.250, 8.942

# Trichromacy



**Original Color**  
69, 35.255, 342.690

**Protanomaly**  
69, 22.582, 313.479

**Deuteranomaly**  
69, 20.142, 331.650

**Tritanomaly**  
69, 28.888, 356.806

# Monochromacy



**Original Color**  
69, 35.255, 342.690

**Achromatopsia**  
71, 0.009, 296.813

**Achromatomaly**  
70, 13.442, 340.048

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 69, 35.255, 342.690 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(219, 146, 188)` looks like.

```
.text, #text, p{  
    color:rgb(219, 146, 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(219, 146, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 146, 188) }
```

## Border

The CSS property to change the border of an element to CIELCh 69, 35.255, 342.690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

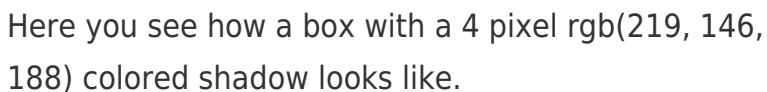
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 146, 188) }
```

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

```
.border{ border-color:rgb(219, 146, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 146, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 146, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 146, 188);  
box-shadow:4px 4px 4px 4px rgb(219, 146,  
188) }
```

# Background

The CSS property to change the background color of an element to CIELCh 69, 35.255, 342.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 146, 188) }
```

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

```
.background{ background-color: rgb(219,  
146, 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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