

# Converting Colors

CIELCh(70, 34.415, 340.356)

Have a look what the booklet for  
CIELCh(70, 34.415, 340.356)  
contains.

<b>CIELCh(70, 34.384, 340.104)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**CIELCh(70, 34.384, 340.104)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB96C1
RGB	219, 150, 193
RGB Percent	86%, 59%, 76%
CMY	0.1410, 0.4115, 0.2429
CMYK	0.00, 0.31, 0.12, 0.14
HSL	323°, 49%, 72%
HSV	323°, 31%, 86%
XYZ	49.7751, 40.7494, 55.7243
YIQ	175.5330, 27.3210, 28.0010

# Conversions

## Conversions Part 2

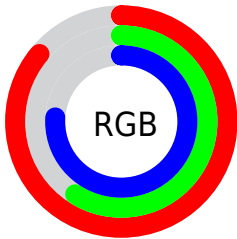
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 150, 193
Decimal	14390977
CIE <sub>Lab</sub>	70.00, 32.33, -11.70
CIE <sub>LCh</sub>	70, 34.384, 340.104
Yxy	40.7494, 0.3403, 0.2786
Android (android.graphics.Color)	4292581057 (0xFFDB96C1)
YUV	175.5330, 8.6112, 38.1206
Hunter-Lab	63.8353, 27.4725, -7.0719

# Details

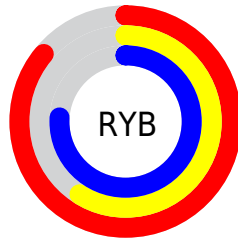
The CIELCh color **70, 34.384, 340.104** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **82, 33.735, 154.842**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 28.888, 329.044**, and **50, 34.268, 340.458** is the 20% darker color. If you saturate the color by 10%, you get **65, 45.039, 341.082**, and if you desaturate by 10%, it is **75, 23.428, 339.217**.

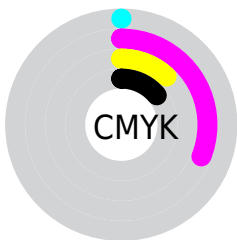
# Distribution



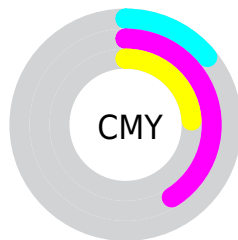
- Red (86%)
- Green (59%)
- Blue (76%)



- Red (86%)
- Yellow (59%)
- Blue (76%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (14%)




- Cyan (14%)
- Magenta (41%)
- Yellow (24%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 34.384, 340.104 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, 34.384, 340.104 by changing the saturation by 10% instead.





 70, 34.384,  
340.104


 70, 34.384,  
340.104


 100, 34.384,  
340.104


 60, 34.384,  
340.104


 90, 34.384,  
340.104

 50, 34.384,  
340.104

 40, 34.384,  
340.104

 30, 34.384,  
340.104

 20, 34.384,  
340.104

 10, 34.384,  
340.104

 0, 34.384, 340.104

70, 34.384,  
340.104

70, 34.384,  
340.104

65, 45.039,  
341.082

75, 23.428,  
339.217

60, 55.019,  
342.180

81, 12.447,  
338.394

56, 63.828,  
343.443

87, 1.612, 337.437

92, 8.972, 157.027

53, 70.914,  
344.937

97, 16.522,  
158.694

51, 75.776,  
346.754

97, 14.013,  
171.600

49, 78.162,  
349.005

97, 12.430,  
188.781

48, 78.608,  
351.284

98, 12.109,  
198.697



# Harmonies

# Complementary

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



70, 34.384, 340.104



82, 33.735, 154.842

# Rectangle

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



70, 34.384, 340.104



70, 34.384, 30.104



70, 34.384, 160.104



70, 34.384, 210.104

# Sweetspot

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



70, 34.381, 340.105



94, 10.996, 338.199



67, 39.280, 306.191



49, 7.651, 338.317



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, 34.381, 340.105



77, 46.780, 340.761



69, 27.780, 11.898



43, 6.139, 338.228



38, 66.221, 350.787



6, 26.695, 345.920



# Inverse Universe

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



70, 34.381, 340.105



77, 46.780, 340.761



83, 23.667, 185.813



43, 6.139, 338.228



38, 66.221, 350.787

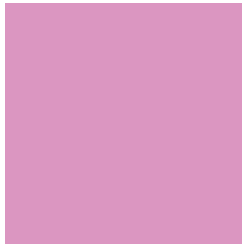


6, 26.695, 345.920



# Previews

## White Background



This preview shows how the CIELCh color 70, 34.384, 340.104 looks on a white background.

## Color Contrast Check

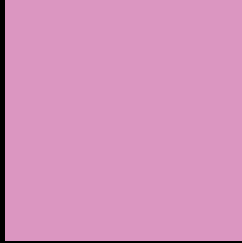
Large Text (above 18pt) WCAG AA × Fail

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, 34.384, 340.104 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

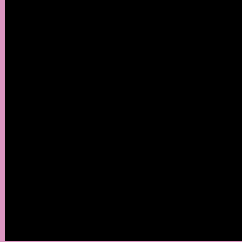
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 70, 34.384, 340.104

## Background



This preview shows how black text looks on a background with the CIELCh color 70, 34.384, 340.104.



This preview shows how white text looks on a background with the CIELCh color 70, 34.384, 340.104.

# 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, 24.655, 6.593

# Trichromacy



**Original Color**  
70, 34.384, 340.104

**Protanomaly**  
70, 22.244, 311.717

**Deuteranomaly**  
70, 20.464, 327.959

**Tritanomaly**  
70, 27.392, 355.122

# Monochromacy



**Original Color**  
70, 34.384, 340.104

**Achromatopsia**  
72, 0.009, 296.813

**Achromatomaly**  
71, 12.473, 339.594

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 70, 34.384, 340.104 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, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 150, 193)  
}
```

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, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 150, 193) }
```

## Border

The CSS property to change the border of an element to CIELCh 70, 34.384, 340.104 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, 150, 193) }
```

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

```
.border{ border-color:rgb(219, 150, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 150, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 150,  
193) }
```

# Background

The CSS property to change the background color of an element to CIELCh 70, 34.384, 340.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 150, 193) }
```

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

```
.background{ background-color: rgb(219,  
150, 193) }
```

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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