

Converting Colors

CIELCh(73, 36.406, 338.070)

Have a look what the booklet for
CIELCh(73, 36.406, 338.070)
contains.

CIELCh(73, 36.625, 338.063)	3
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Color

CIELCh(73, 36.625, 338.063)

Conversions

Conversions Part 1

Format	Color
Hex	E59DCD
RGB	229, 157, 205
RGB Percent	90%, 62%, 80%
CMY	0.1021, 0.3844, 0.1962
CMYK	0.00, 0.31, 0.10, 0.10
HSL	320°, 58%, 76%
HSV	320°, 31%, 90%
XYZ	55.3721, 45.1644, 63.5390
YIQ	184.0000, 27.5040, 30.1920

Conversions

Conversions Part 2

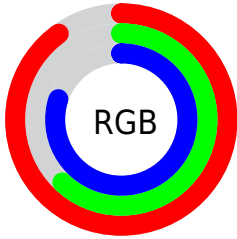
Format	Color
R _Y B	229, 157, 205
Decimal	15048141
CIE Lab	73.00, 33.97, -13.68
CIE LCh	73, 36.625, 338.063
Yxy	45.1644, 0.3375, 0.2753
Android (android.graphics.Color)	4293238221 (0xFFE59DCD)
YUV	184.0000, 10.3530, 39.4650
Hunter-Lab	67.2044, 29.4645, -9.0131

Details

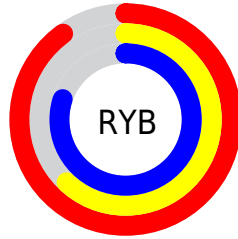
The CIELCh color $73, 36.625, 338.063$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 36.110, 153.018$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.948, 325.363$, and $53, 36.301, 337.752$ is the 20% darker color. If you saturate the color by 10%, you get $68, 47.947, 338.966$, and if you desaturate by 10%, it is $78, 24.956, 337.233$.

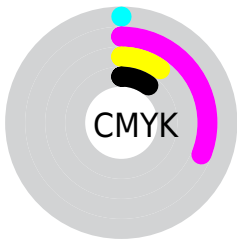
Distribution



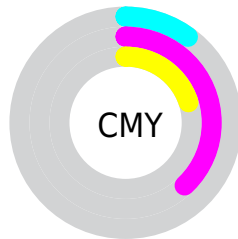
- Red (90%)
- Green (62%)
- Blue (80%)



- Red (90%)
- Yellow (62%)
- Blue (80%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 36.625, 338.063 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 73, 36.625, 338.063 by changing the saturation by 10% instead.


 73, 36.625,
338.063


 73, 36.625,
338.063


 100, 36.625,
338.063


 63, 36.625,
338.063


 93, 36.625,
338.063

 53, 36.625,
338.063

 43, 36.625,
338.063

 33, 36.625,
338.063

 23, 36.625,
338.063

 13, 36.625,
338.063

 3, 36.625, 338.063

0, 36.625, 338.063

73, 36.625,
338.063

73, 36.625,
338.063

68, 47.947,
338.966

78, 24.956,
337.233

63, 58.524,
339.962

84, 13.239,
336.453

59, 67.831,
341.086

90, 1.659, 335.534

96, 9.668, 155.138

56, 75.285,
342.390

98, 10.960,
165.255

53, 80.366,
343.947

98, 9.225, 185.330

51, 82.807,
345.849

98, 8.862, 198.920

■ 51, 83.157,
347.777

Harmonies

Complementary

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



73, 36.625, 338.063



85, 36.110, 153.018

Rectangle

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



73, 36.625, 338.063



73, 36.625, 28.063



73, 36.625, 158.063



73, 36.625, 208.063

Sweetspot

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



73, 36.622, 338.064



94, 11.342, 336.270



69, 40.501, 305.082



49, 7.891, 336.382



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 36.622, 338.064



77, 48.127, 338.667



72, 28.843, 9.353



45, 6.573, 336.301



39, 69.242, 347.352



7, 29.930, 343.540

Inverse Universe

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



73, 36.622, 338.064



77, 48.127, 338.667



86, 24.923, 183.006



45, 6.573, 336.301



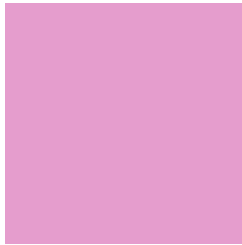
39, 69.242, 347.352



7, 29.930, 343.540

Previews

White Background



This preview shows how the CIELCh color 73, 36.625, 338.063 looks on a white background.

Color Contrast Check

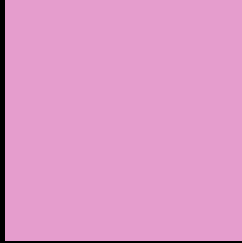
Large Text (above 18pt) WCAG AA × Fail

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 73, 36.625, 338.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

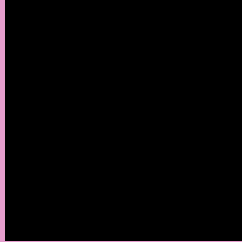
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 36.625, 338.063

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.625, 338.063.



This preview shows how white text looks on a background with the CIELCh color 73, 36.625, 338.063.

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
73, 25.314, 5.844

Trichromacy



Original Color
73, 36.625, 338.063



Protanomaly
73, 25.157, 309.260



Deuteranomaly
73, 22.705, 324.577

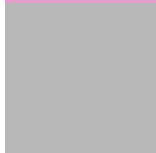


Tritanomaly
73, 28.499, 352.819

Monochromacy



Original Color
73, 36.625, 338.063



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 13.738, 335.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.625, 338.063 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(229, 157, 205)` looks like.

```
.text, #text, p{  
    color:rgb(229, 157, 205)  
}
```

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(229, 157, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 157, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.625, 338.063 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(229, 157, 205) }
```

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

```
.border{ border-color:rgb(229, 157, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 157, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 157, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 157, 205);  
box-shadow:4px 4px 4px 4px rgb(229, 157,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.625, 338.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 157, 205) }
```

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

```
.background{ background-color: rgb(229,  
157, 205) }
```

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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