

Converting Colors

CIELCh(73, 42.220, 337.075)

Have a look what the booklet for
CIELCh(73, 42.220, 337.075)
contains.

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Color

CIELCh(73, 42.250, 337.087)

Conversions

Conversions Part 1

Format	Color
Hex	EB99D2
RGB	235, 153, 210
RGB Percent	92%, 60%, 82%
CMY	0.0779, 0.3995, 0.1760
CMYK	0.00, 0.35, 0.11, 0.08
HSL	318°, 67%, 76%
HSV	318°, 35%, 92%
XYZ	57.3618, 45.1644, 66.7470
YIQ	184.0160, 30.5750, 35.1110

Conversions

Conversions Part 2

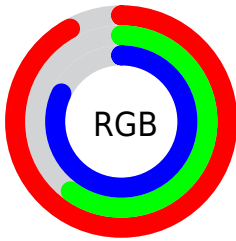
Format	Color
RYB	235, 153, 210
Decimal	15440338
CIELab	73.00, 38.92, -16.45
CIELCh	73, 42.250, 337.087
Yxy	45.1644, 0.3389, 0.2668
Android (android.graphics.Color)	4293630418 (0xFFEB99D2)
YUV	184.0160, 12.8101, 44.7130
Hunter-Lab	67.2044, 34.7494, -11.8433

Details

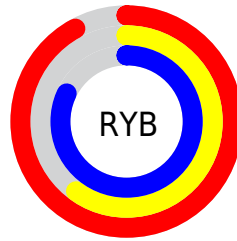
The CIELCh color **73, 42.250, 337.087** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87, 41.753, 151.522**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 29.467, 325.450**, and **53, 42.284, 337.345** is the 20% darker color. If you saturate the color by 10%, you get **68, 53.795, 337.967**, and if you desaturate by 10%, it is **78, 30.197, 336.273**.

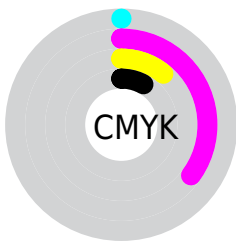
Distribution



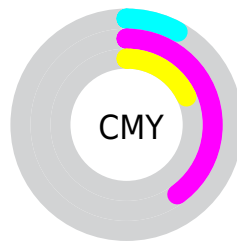
- Red (92%)
- Green (60%)
- Blue (82%)



- Red (92%)
- Yellow (60%)
- Blue (82%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.250, 337.087 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, 42.250, 337.087 by changing the saturation by 10% instead.


 73, 42.250,
337.087


 73, 42.250,
337.087


 100, 42.250,
337.087


 63, 42.250,
337.087


 93, 42.250,
337.087

 53, 42.250,
337.087

 43, 42.250,
337.087

 33, 42.250,
337.087

 23, 42.250,
337.087

 13, 42.250,
337.087

 3, 42.250, 337.087

0, 42.250, 337.087

73, 42.250,
337.087

73, 42.250,
337.087

68, 53.795,
337.967

78, 30.197,
336.273

63, 64.375,
338.933

84, 17.988,
335.507

59, 73.416,
340.017

90, 5.853, 334.753

56, 80.325,
341.268

96, 6.062, 154.215

54, 84.634,
342.755

98, 8.359, 165.571

53, 86.215,
344.561

99, 6.911, 191.171

99, 6.808, 199.072

■ 52, 86.290,
345.599

Harmonies

Complementary

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



73, 42.250, 337.087



87, 41.753, 151.522

Rectangle

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



73, 42.250, 337.087



73, 42.250, 27.087



73, 42.250, 157.087



73, 42.250, 207.087

Sweetspot

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



73, 42.247, 337.088



94, 12.870, 335.148



68, 46.020, 304.264



49, 8.790, 335.253



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, 42.247, 337.088



75, 53.975, 337.723



72, 33.091, 7.374



46, 6.830, 335.105



40, 71.177, 345.217



8, 31.389, 342.037

Inverse Universe

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



73, 42.247, 337.088



75, 53.975, 337.723



88, 28.534, 179.936



46, 6.830, 335.105



40, 71.177, 345.217



8, 31.389, 342.037

Previews

White Background



This preview shows how the CIELCh color 73, 42.250, 337.087 looks on a white background.

Color Contrast Check

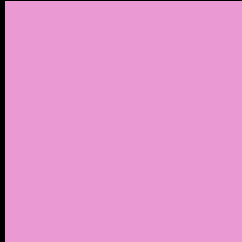
Large Text (above 18pt) WCAG AA × Fail

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, 42.250, 337.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

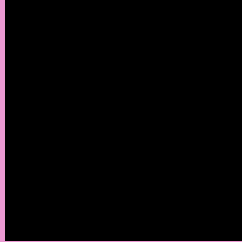
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 42.250, 337.087

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.250, 337.087.



This preview shows how white text looks on a background with the CIELCh color 73, 42.250, 337.087.

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



Original Color

73, 42.250, 337.087

Protanopia

73, 26.732, 284.989

Deuteranopia

73, 17.210, 302.378



Tritanopia
73, 28.362, 9.071

Trichromacy



Original Color
73, 42.250, 337.087



Protanomaly
73, 29.507, 308.236



Deuteranomaly
73, 25.348, 322.642

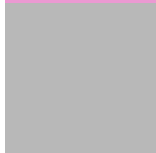


Tritanomaly
73, 32.519, 354.084

Monochromacy



Original Color
73, 42.250, 337.087



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 15.543, 336.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.250, 337.087 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(235, 153, 210)` looks like.

```
.text, #text, p{  
    color:rgb(235, 153, 210)  
}
```

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(235, 153, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 153, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.250, 337.087 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(235, 153, 210) }
```

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

```
.border{ border-color:rgb(235, 153, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 153, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 153, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 153, 210);  
box-shadow:4px 4px 4px 4px rgb(235, 153,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.250, 337.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 153, 210) }
```

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

```
.background{ background-color: rgb(235,  
153, 210) }
```

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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