

Converting Colors

CIELCh(73, 50.527, 336.438)

Have a look what the booklet for
CIELCh(73, 50.527, 336.438)
contains.

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Color

CIELCh(73, 50.312, 336.343)

Conversions

Conversions Part 1

Format	Color
Hex	F493D9
RGB	244, 147, 217
RGB Percent	96%, 58%, 85%
CMY	0.0427, 0.4231, 0.1486
CMYK	0.00, 0.40, 0.11, 0.04
HSL	317°, 82%, 77%
HSV	317°, 40%, 96%
XYZ	60.3307, 45.1644, 71.2514
YIQ	183.9830, 35.3420, 42.3340

Conversions

Conversions Part 2

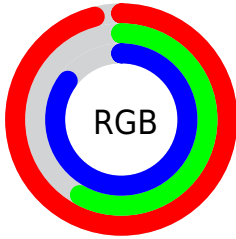
Format	Color
RYB	244, 147, 217
Decimal	16028633
CIELab	73.00, 46.08, -20.19
CIELCh	73, 50.312, 336.343
Yxy	45.1644, 0.3413, 0.2555
Android (android.graphics.Color)	4294218713 (0xFFFF493D9)
YUV	183.9830, 16.2774, 52.6349
Hunter-Lab	67.2044, 42.6351, -15.8172

Details

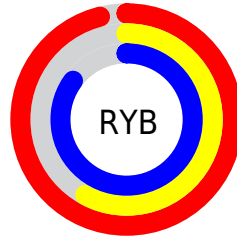
The CIELCh color **73, 50.312, 336.343** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 49.865, 149.967**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 32.611, 325.559**, and **53, 50.103, 336.333** is the 20% darker color. If you saturate the color by 10%, you get **68, 61.966, 337.210**, and if you desaturate by 10%, it is **78, 37.888, 335.538**.

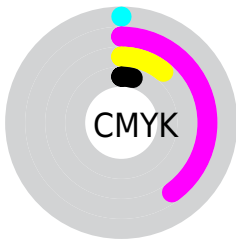
Distribution



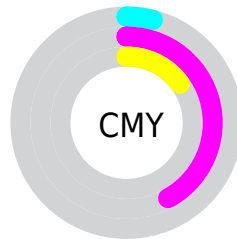
- Red (96%)
- Green (58%)
- Blue (85%)



- Red (96%)
- Yellow (58%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 50.312, 336.343 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, 50.312, 336.343 by changing the saturation by 10% instead.


 73, 50.312,
336.343


 73, 50.312,
336.343


 100, 50.312,
336.343


 63, 50.312,
336.343


 93, 50.312,
336.343


 53, 50.312,
336.343

 43, 50.312,
336.343

 33, 50.312,
336.343

 23, 50.312,
336.343

 13, 50.312,
336.343

 3, 50.312, 336.343

0, 50.312, 336.343

73, 50.312,
336.343

73, 50.312,
336.343

68, 61.966,
337.210

78, 37.888,
335.538

64, 72.313,
338.156

84, 25.127,
334.779

60, 80.732,
339.217

90, 12.326,
334.053

57, 86.649,
340.441

96, 0.319, 154.621

55, 89.732,
341.893

99, 4.303, 171.690

99, 3.763, 199.343

54, 90.278,
343.621

■ 54, 90.281,
343.668

Harmonies

Complementary

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



73, 50.312, 336.343



89, 49.865, 149.967

Rectangle

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



73, 50.312, 336.343



73, 50.312, 26.343



73, 50.312, 156.343



73, 50.312, 206.343

Sweetspot

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



73, 50.309, 336.343



92, 15.762, 334.218



67, 54.361, 303.646



48, 10.464, 334.312



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, 50.309, 336.343



72, 62.166, 337.064



72, 39.396, 5.716



48, 7.209, 334.034



42, 73.894, 343.332



10, 33.697, 340.807

Inverse Universe

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



73, 50.309, 336.343



72, 62.166, 337.064



90, 33.798, 176.758



48, 7.209, 334.034



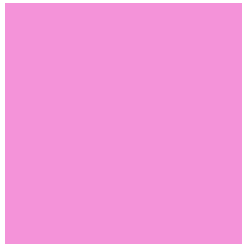
42, 73.894, 343.332



10, 33.697, 340.807

Previews

White Background



This preview shows how the CIELCh color 73, 50.312, 336.343 looks on a white background.

Color Contrast Check

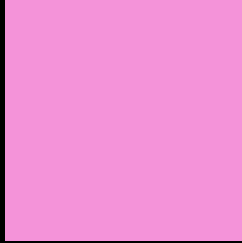
Large Text (above 18pt) WCAG AA × Fail

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, 50.312, 336.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

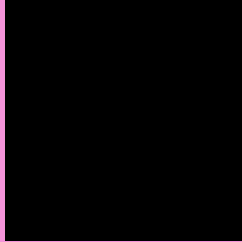
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 50.312, 336.343

Background



This preview shows how black text looks on a background with the CIELCh color 73, 50.312, 336.343.



This preview shows how white text looks on a background with the CIELCh color 73, 50.312, 336.343.

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, 50.312, 336.343

Protanopia
73, 33.795, 285.889

Deuteranopia
73, 20.273, 297.951



Tritanopia
73, 32.353, 11.178

Trichromacy



Original Color
73, 50.312, 336.343



Protanomaly
72, 36.605, 307.087



Deuteranomaly
73, 30.066, 319.698



Tritanomaly
73, 37.057, 354.756

Monochromacy



Original Color
73, 50.312, 336.343



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 18.725, 334.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 50.312, 336.343 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(244, 147, 217)` looks like.

```
.text, #text, p{  
    color:rgb(244, 147, 217)  
}
```

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(244, 147, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 147, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 50.312, 336.343 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(244, 147, 217) }
```

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

```
.border{ border-color:rgb(244, 147, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 147, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 147, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 147, 217);  
box-shadow:4px 4px 4px 4px rgb(244, 147,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 50.312, 336.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 147, 217) }
```

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

```
.background{ background-color: rgb(244,  
147, 217) }
```

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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