

Converting Colors

CIELCh(73, 51.380, 333.421)

Have a look what the booklet for
CIELCh(73, 51.380, 333.421)
contains.

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Color

CIELCh(73, 51.097, 333.579)

Conversions

Conversions Part 1

Format	Color
Hex	F294DE
RGB	242, 148, 222
RGB Percent	95%, 58%, 87%
CMY	0.0522, 0.4208, 0.1306
CMYK	0.00, 0.39, 0.08, 0.05
HSL	313°, 78%, 76%
HSV	313°, 39%, 95%
XYZ	60.1943, 45.1644, 74.4344
YIQ	184.5420, 32.2700, 42.9420

Conversions

Conversions Part 2

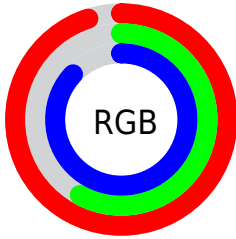
Format	Color
R _Y B	242, 148, 222
Decimal	15897822
CIE Lab	73.00, 45.76, -22.74
CIE LCh	73, 51.097, 333.579
Yxy	45.1644, 0.3348, 0.2512
Android (android.graphics.Color)	4294087902 (0xFFFF294DE)
YUV	184.5420, 18.4668, 50.3907
Hunter-Lab	67.2044, 42.2728, -18.6254

Details

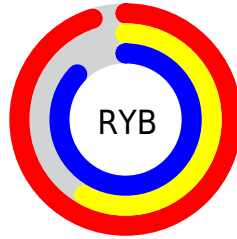
The CIELCh color `73, 51.097, 333.579` is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be `88, 50.903, 147.742`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 31.983, 325.537`, and `53, 51.004, 333.358` is the 20% darker color. If you saturate the color by 10%, you get `68, 63.222, 334.320`, and if you desaturate by 10%, it is `78, 38.200, 332.868`.

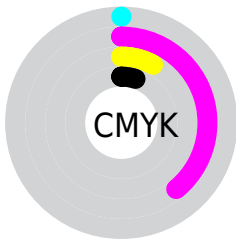
Distribution



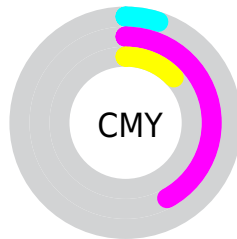
- Red (95%)
- Green (58%)
- Blue (87%)



- Red (95%)
- Yellow (58%)
- Blue (87%)



- Cyan (0%)
- Magenta (39%)
- Yellow (8%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 51.097, 333.579 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, 51.097, 333.579 by changing the saturation by 10% instead.


 73, 51.097,
333.579


 73, 51.097,
333.579


 100, 51.097,
333.579


 63, 51.097,
333.579


 93, 51.097,
333.579

 53, 51.097,
333.579

 43, 51.097,
333.579

 33, 51.097,
333.579

 23, 51.097,
333.579

 13, 51.097,
333.579

 3, 51.097, 333.579

0, 51.097, 333.579

73, 51.097,
333.579

73, 51.097,
333.579

68, 63.222,
334.320

78, 38.200,
332.868

64, 74.044,
335.096

84, 24.962,
332.180

60, 82.948,
335.924

90, 11.680,
331.507

57, 89.362,
336.830

96, 1.445, 151.159

56, 92.935,
337.853

99, 6.086, 159.687

99, 4.795, 184.072

55, 93.852,
339.029

99, 4.591, 199.259

■ 55, 93.888,
339.166

Harmonies

Complementary

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



73, 51.097, 333.579



88, 50.903, 147.742

Rectangle

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



73, 51.097, 333.579



73, 51.097, 23.579



73, 51.097, 153.579



73, 51.097, 203.579

Sweetspot

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



73, 51.094, 333.579



92, 16.515, 331.719



66, 52.496, 301.466



48, 10.962, 331.807



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, 51.094, 333.579



72, 63.717, 334.188



72, 38.845, 0.676



47, 7.425, 331.547



41, 76.606, 338.935



9, 34.184, 337.144

Inverse Universe

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



73, 51.094, 333.579



72, 63.717, 334.188



89, 34.540, 171.934



47, 7.425, 331.547



41, 76.606, 338.935



9, 34.184, 337.144

Previews

White Background



This preview shows how the CIELCh color 73, 51.097, 333.579 looks on a white background.

Color Contrast Check

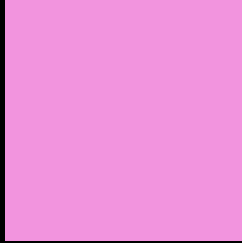
Large Text (above 18pt) WCAG AA × Fail

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, 51.097, 333.579 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, 51.097, 333.579

Background



This preview shows how black text looks on a background with the CIELCh color 73, 51.097, 333.579.

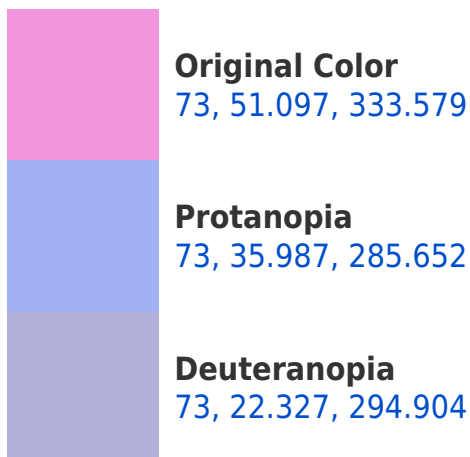


This preview shows how white text looks on a background with the CIELCh color 73, 51.097, 333.579.

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, 30.757, 10.388

Trichromacy



Original Color
73, 51.097, 333.579



Protanomaly
72, 38.562, 305.416



Deuteranomaly
73, 31.529, 316.104



Tritanomaly
73, 36.142, 351.815

Monochromacy



Original Color
73, 51.097, 333.579



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 19.257, 331.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 51.097, 333.579 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(242, 148, 222)` looks like.

```
.text, #text, p{  
    color:rgb(242, 148, 222)  
}
```

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(242, 148, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 148, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 51.097, 333.579 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(242, 148, 222) }
```

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

```
.border{ border-color:rgb(242, 148, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 148, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 148, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 148, 222);  
box-shadow:4px 4px 4px 4px rgb(242, 148,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 51.097, 333.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 148, 222) }
```

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

```
.background{ background-color: rgb(242,  
148, 222) }
```

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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