

Converting Colors

CIELCh(73, 37.083, 0.363)

Have a look what the booklet for
CIELCh(73, 37.083, 0.363) contains.

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Color

CIELCh(73, 37.108, 0.375)

Conversions

Conversions Part 1

Format	Color
Hex	F399B4
RGB	243, 153, 180
RGB Percent	95%, 60%, 71%
CMY	0.0468, 0.3998, 0.2939
CMYK	0.00, 0.37, 0.26, 0.05
HSL	342°, 79%, 78%
HSV	342°, 37%, 95%
XYZ	56.6281, 45.1644, 48.9432
YIQ	182.9880, 44.9730, 27.4770

Conversions

Conversions Part 2

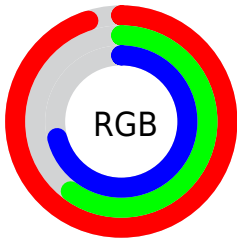
Format	Color
R _Y B	243, 153, 180
Decimal	15964596
CIE Lab	73.00, 37.11, 0.24
CIE LCh	73, 37.108, 0.375
Yxy	45.1644, 0.3757, 0.2996
Android (android.graphics.Color)	4294154676 (0xFFFF399B4)
YUV	182.9880, -1.4731, 52.6305
Hunter-Lab	67.2044, 32.8008, 3.8638

Details

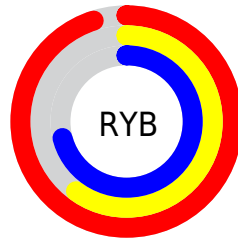
The CIELCh color $73, 37.108, 0.375$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $90, 33.183, 172.161$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 22.263, 340.279$, and $53, 37.242, 0.522$ is the 20% darker color. If you saturate the color by 10%, you get $68, 47.363, 2.165$, and if you desaturate by 10%, it is $79, 26.754, 358.902$.

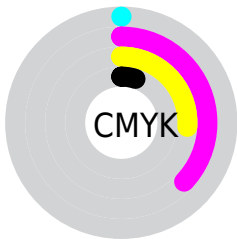
Distribution



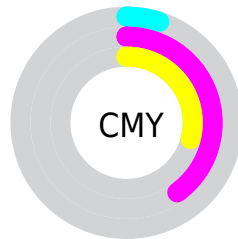
- Red (95%)
- Green (60%)
- Blue (71%)



- Red (95%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 37.108, 0.375 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, 37.108, 0.375 by changing the saturation by 10% instead.

 73, 37.108, 0.375

 73, 37.108, 0.375

 100, 37.108, 0.375

 63, 37.108, 0.375

 93, 37.108, 0.375

 53, 37.108, 0.375

 43, 37.108, 0.375

 33, 37.108, 0.375

 23, 37.108, 0.375

 13, 37.108, 0.375

 3, 37.108, 0.375

 0, 37.108, 0.375

 73, 37.108, 0.375

 73, 37.108, 0.375

68, 47.363, 2.165

79, 26.754,
358.902

63, 57.150, 4.381

85, 16.567,
357.654

58, 66.005, 7.177

55, 73.479, 10.730

91, 6.702, 356.545

53, 79.341, 15.190

98, 2.764, 175.904

52, 83.794, 20.556

99, 4.120, 199.305

51, 85.067, 22.197

Harmonies

Complementary

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



73, 37.108, 0.375



90, 33.183, 172.161

Rectangle

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



73, 37.108, 0.375



73, 37.108, 50.375



73, 37.108, 180.375



73, 37.108, 230.375

Sweetspot

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



73, 37.105, 0.377



93, 10.996, 356.981



72, 53.062, 317.329



48, 7.409, 357.130



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, 37.105, 0.377



72, 46.044, 1.606



76, 31.305, 39.361



48, 5.479, 356.814



39, 69.234, 21.150



9, 29.678, 11.220

Inverse Universe

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



73, 37.105, 0.377



72, 46.044, 1.606



86, 23.968, 221.476



48, 5.479, 356.814



39, 69.234, 21.150



9, 29.678, 11.220

Previews

White Background



This preview shows how the CIELCh color 73, 37.108, 0.375 looks on a white background.

Color Contrast Check

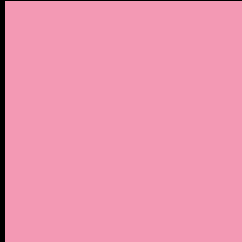
Large Text (above 18pt) WCAG AA × Fail

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, 37.108, 0.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

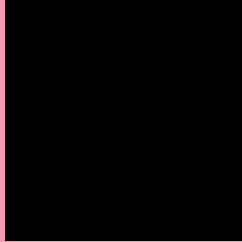
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 37.108, 0.375

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.108, 0.375.

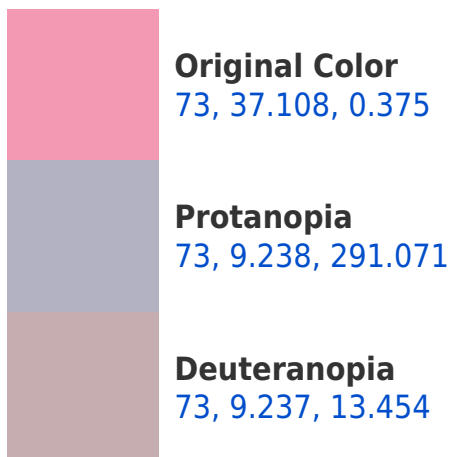


This preview shows how white text looks on a background with the CIELCh color 73, 37.108, 0.375.

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, 34.777, 12.275

Trichromacy



Original Color
73, 37.108, 0.375



Protanomaly
73, 16.771, 338.172



Deuteranomaly
73, 19.355, 3.388



Tritanomaly
73, 35.441, 7.286

Monochromacy



Original Color
73, 37.108, 0.375



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 13.631, 357.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.108, 0.375 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(243, 153, 180)` looks like.

```
.text, #text, p{  
    color:rgb(243, 153, 180)  
}
```

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(243, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 153, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.108, 0.375 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(243, 153, 180) }
```

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

```
.border{ border-color:rgb(243, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(243, 153,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.108, 0.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 153, 180) }
```

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

```
.background{ background-color: rgb(243,  
153, 180) }
```

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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