

Converting Colors

CIELCh(83, 71.555, 10.569)

Have a look what the booklet for
CIELCh(83, 71.555, 10.569) contains.

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Color

CIELCh(73, 46.082, 356.929)

Conversions

Conversions Part 1

Format	Color
Hex	FF91B9
RGB	255, 145, 185
RGB Percent	100%, 57%, 73%
CMY	0.0000, 0.4303, 0.2734
CMYK	0.00, 0.43, 0.27, 0.00
HSL	338°, 100%, 78%
HSV	338°, 43%, 100%
XYZ	60.3020, 45.1644, 51.5883
YIQ	182.4500, 52.7200, 35.7600

Conversions

Conversions Part 2

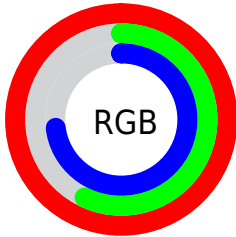
Format	Color
R _Y B	255, 145, 185
Decimal	16748985
CIE Lab	73.00, 46.02, -2.47
CIE LCh	73, 46.082, 356.929
Yxy	45.1644, 0.3840, 0.2876
Android (android.graphics.Color)	4294939065 (0xFFFF91B9)
YUV	182.4500, 1.2572, 63.6264
Hunter-Lab	67.2044, 42.5589, 1.5302

Details

The CIELCh color **73, 46.082, 356.929** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 41.620, 167.058**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 28.320, 334.121**, and **53, 45.869, 357.144** is the 20% darker color. If you saturate the color by 10%, you get **68, 56.333, 358.734**, and if you desaturate by 10%, it is **79, 35.166, 355.301**.

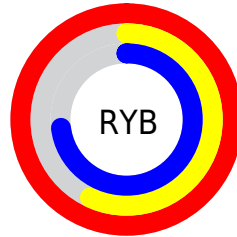
Distribution



Red (100%)

Green (57%)

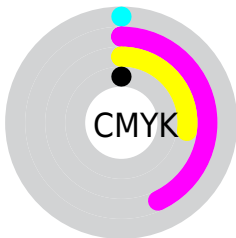
Blue (73%)



Red (100%)

Yellow (57%)

Blue (73%)

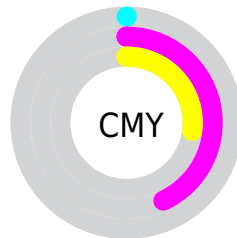


Cyan (0%)

Magenta (43%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 46.082, 356.929 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, 46.082, 356.929 by changing the saturation by 10% instead.


 73, 46.082,
356.929


 73, 46.082,
356.929


 100, 46.082,
356.929


 63, 46.082,
356.929


 93, 46.082,
356.929

 53, 46.082,
356.929

 43, 46.082,
356.929

 33, 46.082,
356.929

 23, 46.082,
356.929

 13, 46.082,
356.929

 3, 46.082, 356.929

0, 46.082, 356.929

73, 46.082,
356.929

73, 46.082,
356.929

68, 56.333,
358.734

79, 35.166,
355.301

63, 65.726, 1.077

85, 24.262,
353.994

59, 73.628, 4.044

91, 13.520,
352.859

56, 79.633, 7.818

55, 83.718, 12.541

98, 3.091, 351.747

54, 85.853, 16.293

100, 0.012,
296.813

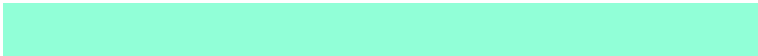
Harmonies

Complementary

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



73, 46.082, 356.929



93, 41.620, 167.058

Rectangle

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



73, 46.082, 356.929



73, 46.082, 46.929



73, 46.082, 176.929



73, 46.082, 226.929

Sweetspot

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



73, 45.981, 356.851



91, 13.490, 352.856



71, 63.469, 315.479



47, 9.474, 353.095



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, 45.981, 356.851



68, 55.303, 358.522



75, 40.543, 33.740



50, 5.865, 352.486



40, 68.910, 15.239



10, 31.289, 7.809

Inverse Universe

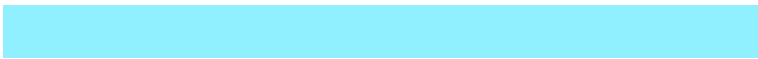
The Inverse Universe completely reimagines the original color for something new.



73, 45.981, 356.851



68, 55.303, 358.522



90, 29.195, 212.938



50, 5.865, 352.486



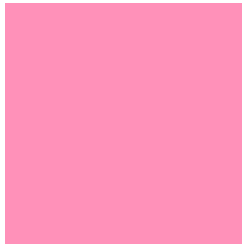
40, 68.910, 15.239



10, 31.289, 7.809

Previews

White Background



This preview shows how the CIELCh color 73, 46.082, 356.929 looks on a white background.

Color Contrast Check

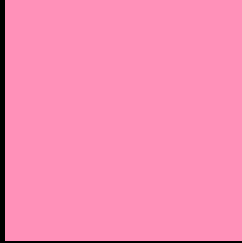
Large Text (above 18pt) WCAG AA × Fail

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, 46.082, 356.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

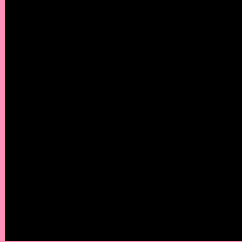
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 46.082, 356.929

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.082, 356.929.



This preview shows how white text looks on a background with the CIELCh color 73, 46.082, 356.929.

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](#).

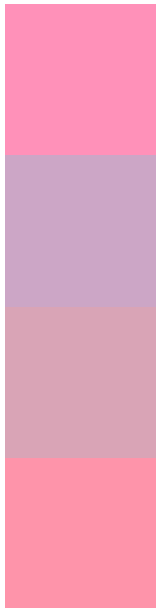
Dichromacy





Tritanopia
73, 41.312, 15.496

Trichromacy



Original Color
73, 46.082, 356.929

Protanomaly
72, 22.295, 330.217

Deuteranomaly
73, 22.340, 355.801

Tritanomaly
73, 42.673, 8.034

Monochromacy



Original Color
73, 46.082, 356.929

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 17.154, 352.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.082, 356.929 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(255, 145, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 185)  
}
```

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(255, 145, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.082, 356.929 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(255, 145, 185) }
```

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

```
.border{ border-color:rgb(255, 145, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.082, 356.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 185) }
```

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

```
.background{ background-color: rgb(255,  
145, 185) }
```

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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