

Converting Colors

CIELCh(74, 48.305, 6.331)

Have a look what the booklet for
CIELCh(74, 48.305, 6.331) contains.

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Color

CIELCh(73, 44.728, 4.107)

Conversions

Conversions Part 1

Format	Color
Hex	FF92AF
RGB	255, 146, 175
RGB Percent	100%, 57%, 69%
CMY	0.0000, 0.4271, 0.3135
CMYK	0.00, 0.43, 0.31, 0.00
HSL	344°, 100%, 79%
HSV	344°, 43%, 100%
XYZ	59.7133, 45.1644, 46.1604
YIQ	181.8970, 55.6550, 32.1270

Conversions

Conversions Part 2

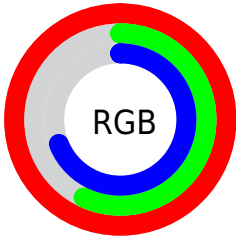
Format	Color
R_{YB}	255, 146, 175
Decimal	16749231
CIE _{Lab}	73.00, 44.61, 3.20
CIE _{LCh}	73, 44.728, 4.107
Yxy	45.1644, 0.3954, 0.2990
Android (android.graphics.Color)	4294939311 (0xFFFF92AF)
YUV	181.8970, -3.4002, 64.1113
Hunter-Lab	67.2044, 40.9953, 6.3189

Details

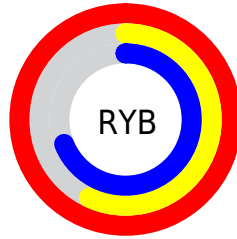
The CIELCh color $73, 44.728, 4.107$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 38.222, 173.899$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 24.042, 343.945$, and $53, 44.321, 3.823$ is the 20% darker color. If you saturate the color by 10%, you get $67, 54.811, 5.935$, and if you desaturate by 10%, it is $79, 33.556, 2.154$.

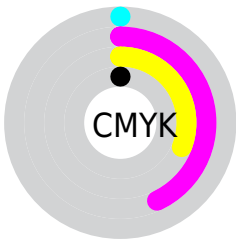
Distribution



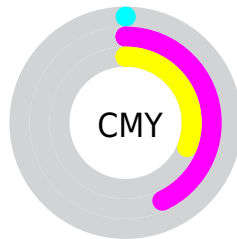
- Red (100%)
- Green (57%)
- Blue (69%)



- Red (100%)
- Yellow (57%)
- Blue (69%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 44.728, 4.107 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, 44.728, 4.107 by changing the saturation by 10% instead.

 73, 44.728, 4.107

 73, 44.728, 4.107

 100, 44.728, 4.107

 63, 44.728, 4.107

 93, 44.728, 4.107

 53, 44.728, 4.107

 43, 44.728, 4.107

 33, 44.728, 4.107

 23, 44.728, 4.107

 13, 44.728, 4.107

 3, 44.728, 4.107

 0, 44.728, 4.107

 73, 44.728, 4.107

 73, 44.728, 4.107

67, 54.811, 5.935

79, 33.556, 2.154

63, 64.658, 8.567

85, 22.906, 0.754

59, 73.368, 11.911

92, 12.557,
359.562

56, 80.599, 16.124

98, 2.623, 358.380

54, 86.353, 21.252

100, 0.012,

54, 89.989, 25.342

296.813

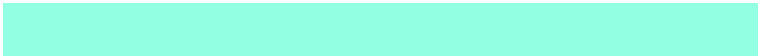
Harmonies

Complementary

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



73, 44.728, 4.107



93, 38.222, 173.899

Rectangle

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



73, 44.728, 4.107



73, 44.728, 54.107



73, 44.728, 184.107



73, 44.728, 234.107

Sweetspot

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



73, 44.299, 3.845



91, 12.848, 359.594



72, 63.968, 318.608



47, 9.034, 359.844



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, 44.299, 3.845



68, 53.044, 5.543



78, 37.752, 42.667



50, 5.575, 359.207



40, 71.952, 24.256



10, 31.616, 15.002

Inverse Universe

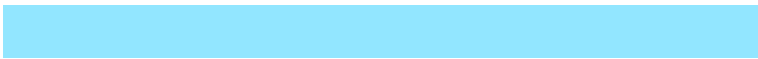
The Inverse Universe completely reimagines the original color for something new.



73, 44.299, 3.845



68, 53.044, 5.543



87, 27.764, 226.878



50, 5.575, 359.207



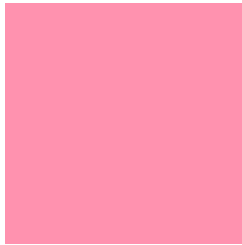
40, 71.952, 24.256



10, 31.616, 15.002

Previews

White Background



This preview shows how the CIELCh color 73, 44.728, 4.107 looks on a white background.

Color Contrast Check

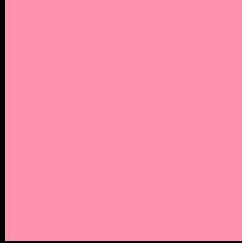
Large Text (above 18pt) WCAG AA × Fail

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, 44.728, 4.107 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, 44.728, 4.107

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.728, 4.107.



This preview shows how white text looks on a background with the CIELCh color 73, 44.728, 4.107.

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, 44.332, 3.854

Protanopia

73, 8.695, 291.020

Deuteranopia

73, 10.595, 29.001



Tritanopia
73, 42.152, 15.769

Trichromacy



Original Color
73, 44.332, 3.854



Protanomaly
72, 18.825, 343.967



Deuteranomaly
72, 22.667, 9.226



Tritanomaly
73, 42.526, 11.611

Monochromacy



Original Color
73, 44.332, 3.854



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 16.200, 1.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 44.728, 4.107 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, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 175)  
}
```

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, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.728, 4.107 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, 146, 175) }
```

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

```
.border{ border-color:rgb(255, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.728, 4.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 175) }
```

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

```
.background{ background-color: rgb(255,  
146, 175) }
```

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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