

Converting Colors

CIELCh(73, 44.227, 0.052)

Have a look what the booklet for
CIELCh(73, 44.227, 0.052) contains.

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Color

CIELCh(73, 44.144, 359.980)

Conversions

Conversions Part 1

Format	Color
Hex	FE93B5
RGB	254, 147, 181
RGB Percent	100%, 58%, 71%
CMY	0.0048, 0.4243, 0.2910
CMYK	0.00, 0.42, 0.29, 0.00
HSL	341°, 98%, 79%
HSV	341°, 42%, 100%
XYZ	59.5173, 45.1644, 49.1911
YIQ	182.8690, 52.8580, 33.2580

Conversions

Conversions Part 2

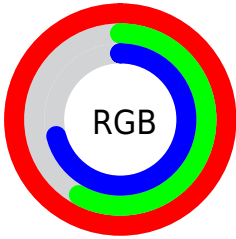
Format	Color
RYB	254, 147, 181
Decimal	16683957
CIELab	73.00, 44.14, -0.02
CIELCh	73, 44.144, 359.980
Yxy	45.1644, 0.3868, 0.2935
Android (android.graphics.Color)	4294874037 (0xFFFE93B5)
YUV	182.8690, -0.9214, 62.3819
Hunter-Lab	67.2044, 40.4746, 3.6450

Details

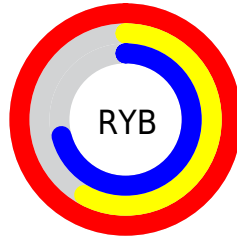
The CIELCh color $73, 44.144, 359.980$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 39.184, 170.274$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 25.662, 337.729$, and $53, 43.980, 0.318$ is the 20% darker color. If you saturate the color by 10%, you get $68, 54.539, 1.944$, and if you desaturate by 10%, it is $79, 33.416, 358.379$.

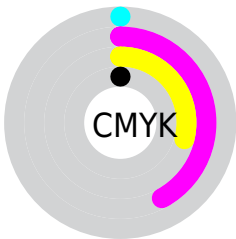
Distribution



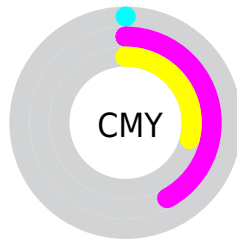
- Red (100%)
- Green (58%)
- Blue (71%)



- Red (100%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 44.144, 359.980 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, 44.144, 359.980 by changing the saturation by 10% instead.

 73, 44.144,
359.980

 73, 44.144,
359.980


 100, 44.144,
359.980


 63, 44.144,
359.980


 93, 44.144,
359.980

 53, 44.144,
359.980

 43, 44.144,
359.980

 33, 44.144,
359.980

 23, 44.144,
359.980

 13, 44.144,
359.980

 3, 44.144, 359.980

0, 44.144, 359.980

73, 44.144,
359.980

73, 44.144,
359.980

68, 54.539, 1.944

79, 33.416,
358.379

63, 64.155, 4.396

85, 22.707,
357.036

59, 72.482, 7.506

56, 79.133, 11.453

92, 12.235,
355.878

54, 84.070, 16.352

98, 2.127, 354.672

54, 87.186, 20.709

100, 0.423,
200.947

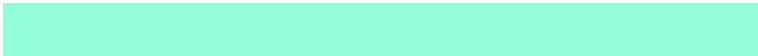
Harmonies

Complementary

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



73, 44.144, 359.980



93, 39.184, 170.274

Rectangle

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



73, 44.144, 359.980



73, 44.144, 49.980



73, 44.144, 179.980



73, 44.144, 229.980

Sweetspot

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



73, 44.141, 359.982



91, 13.162, 355.971



71, 62.234, 316.493



47, 9.248, 356.217



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, 44.141, 359.982



69, 53.579, 1.698



76, 38.519, 36.522



50, 5.717, 355.591



40, 70.107, 19.639



10, 31.394, 11.474

Inverse Universe

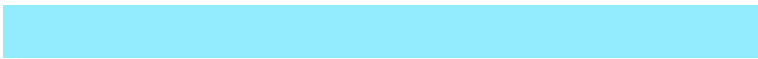
The Inverse Universe completely reimagines the original color for something new.



73, 44.141, 359.982



69, 53.579, 1.698



89, 28.028, 217.355



50, 5.717, 355.591



40, 70.107, 19.639



10, 31.394, 11.474

Previews

White Background



This preview shows how the CIELCh color 73, 44.144, 359.980 looks on a white background.

Color Contrast Check

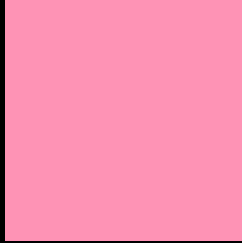
Large Text (above 18pt) WCAG AA × Fail

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, 44.144, 359.980 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, 44.144, 359.980

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.144, 359.980.



This preview shows how white text looks on a background with the CIELCh color 73, 44.144, 359.980.

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, 44.144, 359.980

Protanopia

73, 11.951, 289.629

Deuteranopia

73, 9.237, 13.454



Tritanopia
73, 40.916, 15.372

Trichromacy



Original Color
73, 44.144, 359.980



Protanomaly
73, 19.938, 336.232



Deuteranomaly
73, 22.021, 1.489



Tritanomaly
73, 41.759, 9.795

Monochromacy



Original Color
73, 44.144, 359.980



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 16.163, 357.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 44.144, 359.980 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(254, 147, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 147, 181)  
}
```

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(254, 147, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 147, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.144, 359.980 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(254, 147, 181) }
```

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

```
.border{ border-color:rgb(254, 147, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 147, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 147, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 147, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 147,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.144, 359.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 147, 181) }
```

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

```
.background{ background-color: rgb(254,  
147, 181) }
```

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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