

Converting Colors

CIELCh(73, 42.642, 7.117)

Have a look what the booklet for
CIELCh(73, 42.642, 7.117) contains.

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Color

CIELCh(73, 42.725, 7.323)

Conversions

Conversions Part 1

Format	Color
Hex	FE94AB
RGB	254, 148, 171
RGB Percent	100%, 58%, 67%
CMY	0.0041, 0.4198, 0.3296
CMYK	0.00, 0.42, 0.33, 0.00
HSL	347°, 98%, 79%
HSV	347°, 42%, 100%
XYZ	58.7826, 45.1644, 44.1242
YIQ	182.3160, 55.7930, 29.6250

Conversions

Conversions Part 2

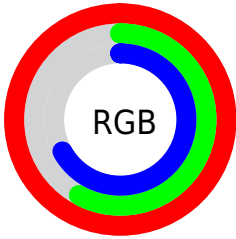
Format	Color
R_{YB}	254, 148, 171
Decimal	16684203
CIE _{Lab}	73.00, 42.38, 5.45
CIE _{LCh}	73, 42.725, 7.323
Y _{xy}	45.1644, 0.3970, 0.3050
Android (android.graphics.Color)	4294874283 (0xFFFE94AB)
YUV	182.3160, -5.5788, 62.8669
Hunter-Lab	67.2044, 38.5231, 8.1153

Details

The CIELCh color **73, 42.725, 7.323** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 36.002, 177.803**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 21.773, 349.410**, and **53, 42.761, 7.395** is the 20% darker color. If you saturate the color by 10%, you get **68, 53.391, 9.437**, and if you desaturate by 10%, it is **79, 31.979, 5.628**.

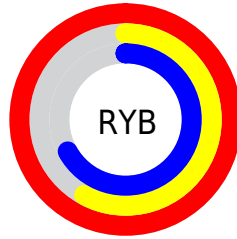
Distribution



Red (100%)

Green (58%)

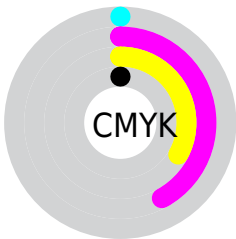
Blue (67%)



Red (100%)

Yellow (58%)

Blue (67%)

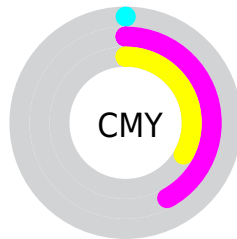


Cyan (0%)

Magenta (42%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.725, 7.323 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, 42.725, 7.323 by changing the saturation by 10% instead.

 73, 42.725, 7.323

 73, 42.725, 7.323

 100, 42.725, 7.323

 63, 42.725, 7.323

 93, 42.725, 7.323

 53, 42.725, 7.323

 43, 42.725, 7.323

 33, 42.725, 7.323

 23, 42.725, 7.323

 13, 42.725, 7.323

 3, 42.725, 7.323

 0, 42.725, 7.323

 73, 42.725, 7.323

 73, 42.725, 7.323

68, 53.391, 9.437

79, 31.979, 5.628

63, 63.592, 12.105

85, 21.447, 4.234

59, 72.883, 15.492

92, 11.303, 3.054

56, 80.925, 19.734

98, 1.633, 1.755

54, 87.660, 24.820

100, 0.365,
201.196

53, 92.543, 29.331

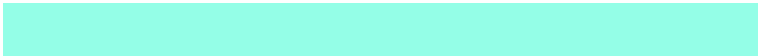
Harmonies

Complementary

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



73, 42.725, 7.323



93, 36.002, 177.803

Rectangle

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



73, 42.725, 7.323



73, 42.725, 57.323



73, 42.725, 187.323



73, 42.725, 237.323

Sweetspot

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



73, 42.722, 7.326



91, 12.602, 3.195



73, 62.673, 319.609



47, 8.867, 3.446



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, 42.722, 7.326



69, 51.734, 9.037



79, 36.048, 45.919



50, 5.463, 2.808



40, 74.125, 28.299



10, 31.885, 17.857

Inverse Universe

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



73, 42.722, 7.326



69, 51.734, 9.037



86, 27.094, 231.601



50, 5.463, 2.808



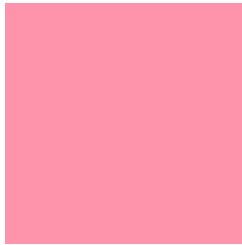
40, 74.125, 28.299



10, 31.885, 17.857

Previews

White Background



This preview shows how the CIELCh color 73, 42.725, 7.323 looks on a white background.

Color Contrast Check

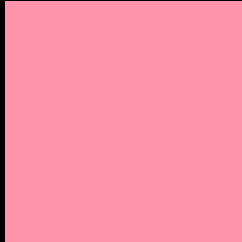
Large Text (above 18pt) WCAG AA × Fail

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, 42.725, 7.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

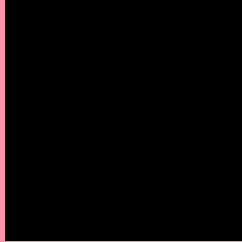
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 42.725, 7.323

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.725, 7.323.



This preview shows how white text looks on a background with the CIELCh color 73, 42.725, 7.323.

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, 42.725, 7.323

Protanopia

73, 4.908, 294.931

Deuteranopia

73, 11.801, 36.149



Tritanopia
73, 41.312, 15.496

Trichromacy



Original Color
73, 42.725, 7.323



Protanomaly
73, 16.607, 353.839



Deuteranomaly
73, 22.490, 15.998



Tritanomaly
73, 41.701, 11.988

Monochromacy



Original Color
73, 42.725, 7.323



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 15.168, 4.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.725, 7.323 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, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 148, 171)  
}
```

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, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 148, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.725, 7.323 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, 148, 171) }
```

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

```
.border{ border-color:rgb(254, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 148,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.725, 7.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 148, 171) }
```

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

```
.background{ background-color: rgb(254,  
148, 171) }
```

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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