

Converting Colors

CIELCh(73, 47.790, 341.318)

Have a look what the booklet for
CIELCh(73, 47.790, 341.318)
contains.

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Color

CIELCh(73, 47.820, 341.334)

Conversions

Conversions Part 1

Format	Color
Hex	F693D0
RGB	246, 147, 208
RGB Percent	96%, 58%, 82%
CMY	0.0341, 0.4225, 0.1832
CMYK	0.00, 0.40, 0.15, 0.03
HSL	323°, 85%, 77%
HSV	323°, 40%, 97%
XYZ	60.0031, 45.1644, 65.4072
YIQ	183.5550, 39.4230, 39.9590

Conversions

Conversions Part 2

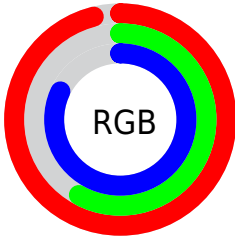
Format	Color
R _Y B	246, 147, 208
Decimal	16159696
CIE Lab	73.00, 45.30, -15.30
CIE LCh	73, 47.820, 341.334
Yxy	45.1644, 0.3518, 0.2648
Android (android.graphics.Color)	4294349776 (0xFFFF693D0)
YUV	183.5550, 12.0514, 54.7643
Hunter-Lab	67.2044, 41.7649, -10.6613

Details

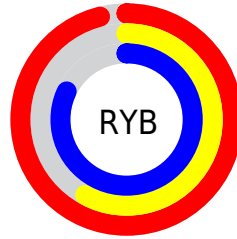
The CIELCh color $73, 47.820, 341.334$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $90, 46.741, 154.135$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $53, 47.814, 341.167$ is the 20% darker color. If you saturate the color by 10%, you get $68, 58.849, 342.444$, and if you desaturate by 10%, it is $79, 36.091, 340.349$.

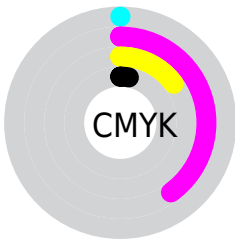
Distribution



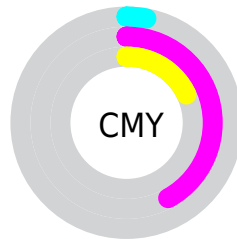
- Red (96%)
- Green (58%)
- Blue (82%)



- Red (96%)
- Yellow (58%)
- Blue (82%)



- Cyan (0%)
- Magenta (40%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (42%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 47.820, 341.334 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, 47.820, 341.334 by changing the saturation by 10% instead.


 73, 47.820,
341.334


 73, 47.820,
341.334


 100, 47.820,
341.334


 63, 47.820,
341.334


 93, 47.820,
341.334

 53, 47.820,
341.334

 43, 47.820,
341.334

 33, 47.820,
341.334

 23, 47.820,
341.334

 13, 47.820,
341.334

 3, 47.820, 341.334

0, 47.820, 341.334

73, 47.820,
341.334

73, 47.820,
341.334

68, 58.849,
342.444

79, 36.091,
340.349

63, 68.651,
343.721

84, 24.082,
339.454

60, 76.610,
345.235

91, 12.073,
338.623

57, 82.157,
347.078

97, 0.246, 336.171

55, 84.982,
349.370

99, 3.013, 199.434

54, 85.476,
352.111

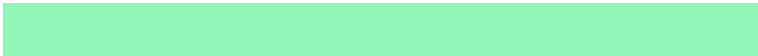
Harmonies

Complementary

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



73, 47.820, 341.334



90, 46.741, 154.135

Rectangle

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



73, 47.820, 341.334



73, 47.820, 31.334



73, 47.820, 161.334



73, 47.820, 211.334

Sweetspot

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



73, 47.817, 341.335



92, 14.627, 338.771



68, 55.919, 307.378



48, 9.713, 338.878



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, 47.817, 341.335



71, 58.108, 342.197



72, 39.844, 14.642



48, 6.687, 338.564



41, 69.493, 351.544



9, 31.745, 347.418

Inverse Universe

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



73, 47.817, 341.335



71, 58.108, 342.197



91, 31.934, 186.470



48, 6.687, 338.564



41, 69.493, 351.544



9, 31.745, 347.418

Previews

White Background



This preview shows how the CIELCh color 73, 47.820, 341.334 looks on a white background.

Color Contrast Check

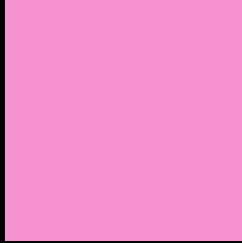
Large Text (above 18pt) WCAG AA × Fail

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, 47.820, 341.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

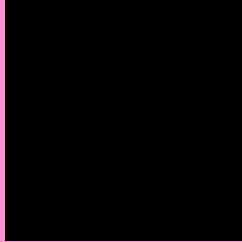
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 47.820, 341.334

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.820, 341.334.



This preview shows how white text looks on a background with the CIELCh color 73, 47.820, 341.334.

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, 47.820, 341.334



Protanomaly
73, 31.172, 311.473



Deuteranomaly
73, 26.729, 327.539



Tritanomaly
73, 38.264, 358.633

Monochromacy



Original Color
73, 47.820, 341.334



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 17.909, 339.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.820, 341.334 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(246, 147, 208)` looks like.

```
.text, #text, p{  
    color:rgb(246, 147, 208)  
}
```

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(246, 147, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 147, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.820, 341.334 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(246, 147, 208) }
```

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

```
.border{ border-color:rgb(246, 147, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 147, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 147, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 147, 208); box-shadow:4px 4px 4px 4px rgb(246, 147, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.820, 341.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 147, 208) }
```

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

```
.background{ background-color: rgb(246,  
147, 208) }
```

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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