

Converting Colors

CIELCh(71, 64.274, 332.555)

Have a look what the booklet for
CIELCh(71, 64.274, 332.555)
contains.

CIELCh(71, 64.274, 332.555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 64.274, 332.555)

Conversions

Conversions Part 1

Format	Color
Hex	F984E5
RGB	249, 132, 229
RGB Percent	98%, 52%, 90%
CMY	0.0244, 0.4832, 0.1028
CMYK	0.00, 0.47, 0.08, 0.02
HSL	310°, 90%, 75%
HSV	310°, 47%, 98%
XYZ	61.3198, 42.1875, 78.8789
YIQ	178.0410, 38.5950, 54.9710

Conversions

Conversions Part 2

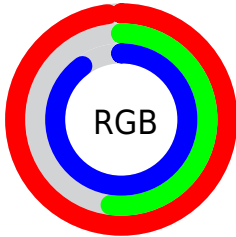
Format	Color
R _Y B	249, 132, 229
Decimal	16352485
CIE Lab	71.00, 57.04, -29.62
CIE LCh	71, 64.274, 332.555
Yxy	42.1875, 0.3362, 0.2313
Android (android.graphics.Color)	4294542565 (0xFFFF984E5)
YUV	178.0410, 25.1228, 62.2310
Hunter-Lab	64.9519, 54.8525, -26.5366

Details

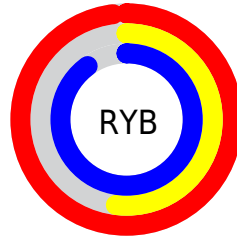
The CIELCh color **71, 64.274, 332.555** is a light color, and the websafe version is hex **FF99FF**, and the color name is **pale magenta**. A complement of this color would be **89, 64.417, 145.430**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 42.003, 325.881**, and **51, 64.187, 332.540** is the 20% darker color. If you saturate the color by 10%, you get **67, 75.937, 333.240**, and if you desaturate by 10%, it is **76, 51.337, 331.883**.

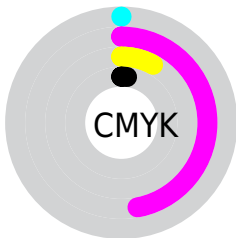
Distribution



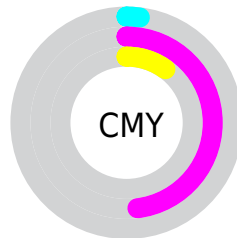
- Red (98%)
- Green (52%)
- Blue (90%)



- Red (98%)
- Yellow (52%)
- Blue (90%)



- Cyan (0%)
- Magenta (47%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (48%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 64.274, 332.555 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 71, 64.274, 332.555 by changing the saturation by 10% instead.


 71, 64.274,
332.555


 71, 64.274,
332.555


 100, 64.274,
332.555


 61, 64.274,
332.555


 91, 64.274,
332.555

 51, 64.274,
332.555

 41, 64.274,
332.555

 31, 64.274,
332.555

 21, 64.274,
332.555

 11, 64.274,
332.555

 1, 64.274, 332.555

■ 0, 64.274, 332.555

■ 71, 64.274,
332.555

■ 71, 64.274,
332.555

■ 67, 75.937,
333.240

■ 76, 51.337,
331.883

■ 63, 85.713,
333.942

■ 82, 37.676,
331.221

■ 60, 93.000,
334.677

■ 87, 23.707,
330.571

■ 58, 97.393,
335.466

■ 93, 9.725, 329.924

■ 57, 98.899,
336.343

■ 99, 3.345, 150.601

■ 57, 99.034,
336.618

■ 100, 2.196,
190.098

■ 100, 2.160,

Harmonies

Complementary

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



71, 64.274, 332.555



89, 64.417, 145.430

Rectangle

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



71, 64.274, 332.555



71, 64.274, 22.555



71, 64.274, 152.555



71, 64.274, 202.555

Sweetspot

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



71, 64.271, 332.555



91, 19.866, 330.378



62, 65.885, 301.484



47, 13.729, 330.517



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 64.271, 332.555



68, 76.318, 333.174



69, 48.701, 359.755



49, 7.915, 330.087



43, 80.644, 336.450



11, 37.093, 335.241

Inverse Universe

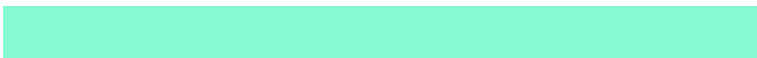
The Inverse Universe completely reimagines the original color for something new.



71, 64.271, 332.555



68, 76.318, 333.174



90, 43.026, 168.579



49, 7.915, 330.087



43, 80.644, 336.450



11, 37.093, 335.241

Previews

White Background



This preview shows how the CIELCh color 71, 64.274, 332.555 looks on a white background.

Color Contrast Check

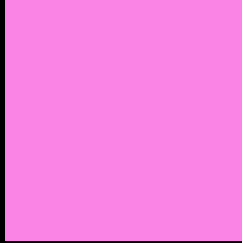
Large Text (above 18pt) WCAG AA × Fail

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 71, 64.274, 332.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

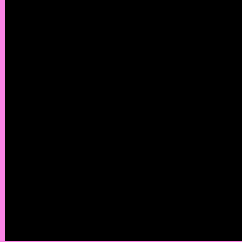
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 64.274, 332.555

Background



This preview shows how black text looks on a background with the CIELCh color 71, 64.274, 332.555.

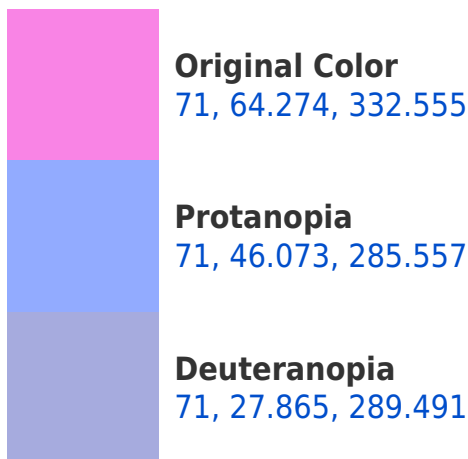


This preview shows how white text looks on a background with the CIELCh color 71, 64.274, 332.555.

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
71, 37.871, 14.392

Trichromacy



Original Color
71, 64.274, 332.555



Protanomaly
70, 49.074, 304.214



Deuteranomaly
70, 39.116, 313.226



Tritanomaly
71, 44.516, 353.135

Monochromacy



Original Color
71, 64.274, 332.555



Achromatopsia
73, 0.009, 296.813



Achromatomaly
71, 24.753, 331.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 64.274, 332.555 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(249, 132, 229)` looks like.

```
.text, #text, p{  
    color:rgb(249, 132, 229)  
}
```

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(249, 132, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 132, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 64.274, 332.555 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(249, 132, 229) }
```

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

```
.border{ border-color:rgb(249, 132, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 132, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 132, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 132, 229);  
box-shadow:4px 4px 4px 4px rgb(249, 132,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 64.274, 332.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 132, 229) }
```

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

```
.background{ background-color: rgb(249,  
132, 229) }
```

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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