

Converting Colors

CIELCh(74, 56.980, 332.262)

Have a look what the booklet for
CIELCh(74, 56.980, 332.262)
contains.

CIELCh(74, 57.343, 331.959)	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(74, 57.343, 331.959)

Conversions

Conversions Part 1

Format	Color
Hex	F992E8
RGB	249, 146, 232
RGB Percent	98%, 57%, 91%
CMY	0.0222, 0.4262, 0.0889
CMYK	0.00, 0.41, 0.07, 0.02
HSL	310°, 90%, 78%
HSV	310°, 41%, 98%
XYZ	64.1304, 46.7039, 82.2264
YIQ	186.6010, 33.7820, 48.5820

Conversions

Conversions Part 2

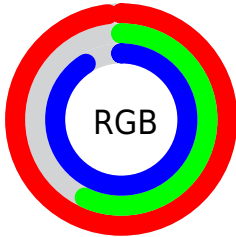
Format	Color
R _Y B	249, 146, 232
Decimal	16356072
CIE Lab	74.00, 50.61, -26.96
CIE LCh	74, 57.343, 331.959
Yxy	46.7039, 0.3322, 0.2419
Android (android.graphics.Color)	4294546152 (0xFFFF992E8)
YUV	186.6010, 22.3817, 54.7239
Hunter-Lab	68.3403, 47.9085, -23.4990

Details

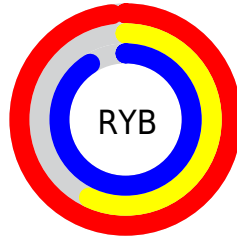
The CIELCh color $74, 57.343, 331.959$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $90, 57.323, 145.911$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 33.240, 325.581$, and $54, 57.403, 332.094$ is the 20% darker color. If you saturate the color by 10%, you get $69, 69.871, 332.628$, and if you desaturate by 10%, it is $79, 43.857, 331.300$.

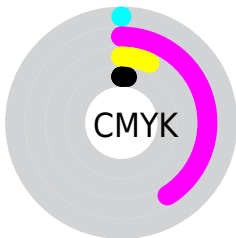
Distribution



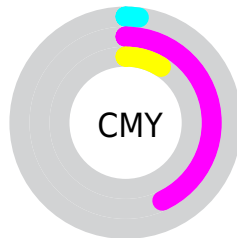
- Red (98%)
- Green (57%)
- Blue (91%)



- Red (98%)
- Yellow (57%)
- Blue (91%)



- Cyan (0%)
- Magenta (41%)
- Yellow (7%)
- Black (2%)





- Cyan (2%)
- Magenta (43%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 57.343, 331.959 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 74, 57.343, 331.959 by changing the saturation by 10% instead.


 74, 57.343,
331.959

 74, 57.343,
331.959


 100, 57.343,
331.959

 64, 57.343,
331.959


 94, 57.343,
331.959

 54, 57.343,
331.959

 44, 57.343,
331.959

 34, 57.343,
331.959

 24, 57.343,
331.959

 14, 57.343,
331.959

 4, 57.343, 331.959

0, 57.343, 331.959

74, 57.343,
331.959

74, 57.343,
331.959

69, 69.871,
332.628

79, 43.857,
331.300

65, 80.864,
333.306

85, 29.898,
330.650

62, 89.689,
334.003

91, 15.811,
330.009

59, 95.806,
334.735

97, 1.833, 329.228

58, 98.959,
335.528

100, 2.242,
171.486

57, 99.649,
336.282

100, 1.962,
199.619

Harmonies

Complementary

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



74, 57.343, 331.959



90, 57.323, 145.911

Rectangle

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



74, 57.343, 331.959



74, 57.343, 21.959



74, 57.343, 151.959



74, 57.343, 201.959

Sweetspot

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



74, 57.340, 331.959



92, 17.079, 330.054



66, 57.375, 300.240



48, 11.337, 330.137



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 57.340, 331.959



71, 69.538, 332.543



72, 43.116, 357.559



49, 7.947, 329.892



43, 80.999, 336.121



11, 37.238, 334.966

Inverse Universe

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



74, 57.340, 331.959



71, 69.538, 332.543



91, 38.934, 168.225



49, 7.947, 329.892



43, 80.999, 336.121



11, 37.238, 334.966

Previews

White Background



This preview shows how the CIELCh color 74, 57.343, 331.959 looks on a white background.

Color Contrast Check

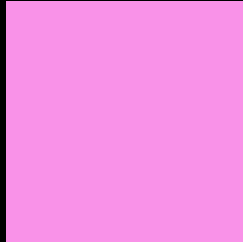
Large Text (above 18pt) WCAG AA × Fail

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 74, 57.343, 331.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

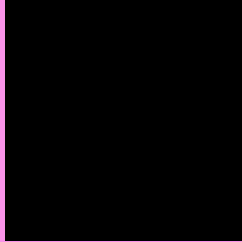
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 57.343, 331.959

Background



This preview shows how black text looks on a background with the CIELCh color 74, 57.343, 331.959.

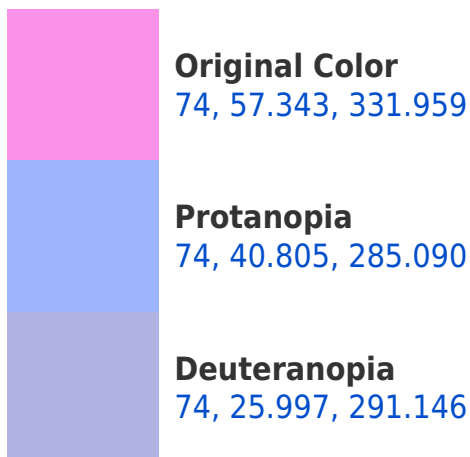


This preview shows how white text looks on a background with the CIELCh color 74, 57.343, 331.959.

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
74, 33.062, 11.498

Trichromacy



Original Color
74, 57.343, 331.959



Protanomaly
73, 43.735, 304.154



Deuteranomaly
74, 35.942, 313.044



Tritanomaly
74, 39.531, 351.677

Monochromacy



Original Color
74, 57.343, 331.959



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 21.767, 331.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 57.343, 331.959 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, 146, 232)` looks like.

```
.text, #text, p{  
    color:rgb(249, 146, 232)  
}
```

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, 146, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 146, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 57.343, 331.959 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, 146, 232) }
```

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

```
.border{ border-color:rgb(249, 146, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 146, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 146, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 146, 232);  
box-shadow:4px 4px 4px 4px rgb(249, 146,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 57.343, 331.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 146, 232) }
```

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

```
.background{ background-color: rgb(249,  
146, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor