

Converting Colors

CIELCh(74, 44.347, 353.388)

Have a look what the booklet for
CIELCh(74, 44.347, 353.388)
contains.

CIELCh(74, 44.538, 353.217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 44.538, 353.217)

Conversions

Conversions Part 1

Format	Color
Hex	FE96C1
RGB	254, 150, 193
RGB Percent	100%, 59%, 76%
CMY	0.0041, 0.4119, 0.2433
CMYK	0.00, 0.41, 0.24, 0.00
HSL	335°, 98%, 79%
HSV	335°, 41%, 100%
XYZ	61.3697, 46.7039, 56.2017
YIQ	185.9980, 48.1810, 35.4210

Conversions

Conversions Part 2

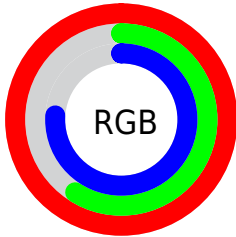
Format	Color
RYB	254, 150, 193
Decimal	16684737
CIELab	74.00, 44.23, -5.26
CIElCh	74, 44.538, 353.217
Yxy	46.7039, 0.3736, 0.2843
Android (android.graphics.Color)	4294874817 (0xFFFE96C1)
YUV	185.9980, 3.4520, 59.6378
Hunter-Lab	68.3403, 40.6978, -0.9207

Details

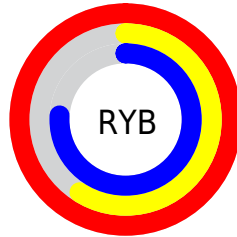
The CIELCh color **74, 44.538, 353.217** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 41.276, 164.317**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 28.260, 329.099**, and **54, 44.357, 352.933** is the 20% darker color. If you saturate the color by 10%, you get **69, 55.028, 354.896**, and if you desaturate by 10%, it is **80, 33.577, 351.817**.

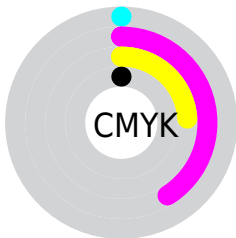
Distribution



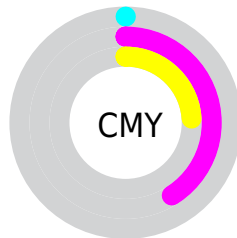
- Red (100%)
- Green (59%)
- Blue (76%)



- Red (100%)
- Yellow (59%)
- Blue (76%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.538, 353.217 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, 44.538, 353.217 by changing the saturation by 10% instead.


 74, 44.538,
353.217

 74, 44.538,
353.217

 100, 44.538,
353.217


 64, 44.538,
353.217


 94, 44.538,
353.217

 54, 44.538,
353.217

 44, 44.538,
353.217

 34, 44.538,
353.217

 24, 44.538,
353.217

 14, 44.538,
353.217

 4, 44.538, 353.217

0, 44.538, 353.217

74, 44.538,
353.217

74, 44.538,
353.217

69, 55.028,
354.896

80, 33.577,
351.817

64, 64.562,
356.954

86, 22.521,
350.615

60, 72.576,
359.536

92, 11.613,
349.554

57, 78.584, 2.820

99, 0.997, 348.153

55, 82.425, 6.980

100, 0.367,
201.187

54, 84.514, 11.480

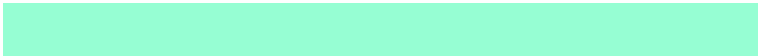
Harmonies

Complementary

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



74, 44.538, 353.217



93, 41.276, 164.317

Rectangle

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



74, 44.538, 353.217



74, 44.538, 43.217



74, 44.538, 173.217



74, 44.538, 223.217

Sweetspot

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



74, 44.535, 353.219



92, 12.790, 349.661



71, 59.756, 313.802



48, 8.500, 349.795



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, 44.535, 353.219



70, 53.219, 354.545



75, 39.620, 29.517



50, 6.037, 349.407



41, 68.181, 10.500



10, 31.332, 3.649

Inverse Universe

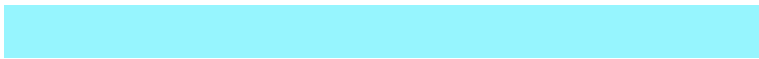
The Inverse Universe completely reimagines the original color for something new.



74, 44.535, 353.219



70, 53.219, 354.545



91, 29.122, 206.593



50, 6.037, 349.407



41, 68.181, 10.500



10, 31.332, 3.649

Previews

White Background



This preview shows how the CIELCh color 74, 44.538, 353.217 looks on a white background.

Color Contrast Check

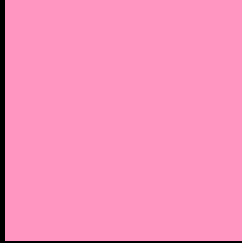
Large Text (above 18pt) WCAG AA × Fail

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, 44.538, 353.217 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, 44.538, 353.217

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.538, 353.217.

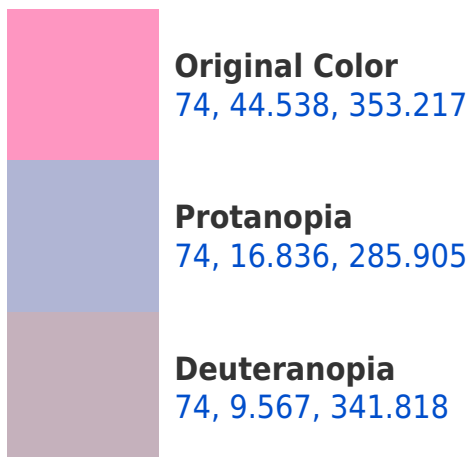


This preview shows how white text looks on a background with the CIELCh color 74, 44.538, 353.217.

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, 38.322, 14.460

Trichromacy



Original Color
74, 44.538, 353.217



Protanomaly
74, 22.662, 324.568



Deuteranomaly
74, 22.759, 348.579



Tritanomaly
74, 39.939, 5.723

Monochromacy



Original Color
74, 44.538, 353.217



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 16.668, 349.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.538, 353.217 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, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 193)  
}
```

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, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.538, 353.217 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, 150, 193) }
```

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

```
.border{ border-color:rgb(254, 150, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 150, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.538, 353.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 150, 193) }
```

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

```
.background{ background-color: rgb(254,  
150, 193) }
```

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