

Converting Colors

CIELCh(74, 41.115, 5.660)

Have a look what the booklet for
CIELCh(74, 41.115, 5.660) contains.

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Color

CIELCh(74, 41.156, 5.660)

Conversions

Conversions Part 1

Format	Color
Hex	FE98B0
RGB	254, 152, 176
RGB Percent	100%, 60%, 69%
CMY	0.0036, 0.4036, 0.3095
CMYK	0.00, 0.40, 0.31, 0.00
HSL	346°, 98%, 80%
HSV	346°, 40%, 100%
XYZ	59.9867, 46.7039, 46.9655
YIQ	185.2340, 53.0880, 29.0880

Conversions

Conversions Part 2

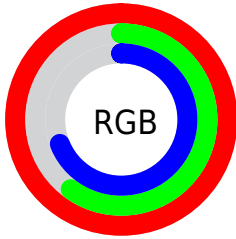
Format	Color
R_{YB}	254, 152, 176
Decimal	16685232
CIE _{Lab}	74.00, 40.96, 4.06
CIE _{LCh}	74, 41.156, 5.660
Yxy	46.7039, 0.3904, 0.3040
Android (android.graphics.Color)	4294875312 (0xFFFE98B0)
YUV	185.2340, -4.5524, 60.3078
Hunter-Lab	68.3403, 37.0856, 7.0923

Details

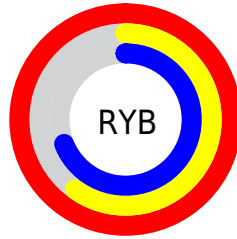
The CIELCh color **74, 41.156, 5.660** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 35.269, 176.553**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 21.037, 344.673**, and **54, 41.138, 5.413** is the 20% darker color. If you saturate the color by 10%, you get **68, 51.807, 7.680**, and if you desaturate by 10%, it is **80, 30.435, 4.031**.

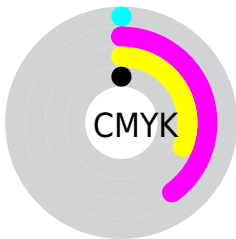
Distribution



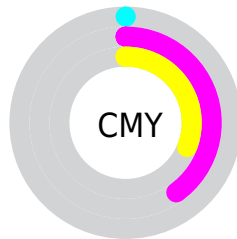
- Red (100%)
- Green (60%)
- Blue (69%)



- Red (100%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.156, 5.660 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, 41.156, 5.660 by changing the saturation by 10% instead.


 74, 41.156, 5.660  74, 41.156, 5.660


 100, 41.156, 5.660  64, 41.156, 5.660


 94, 41.156, 5.660  54, 41.156, 5.660


 44, 41.156, 5.660

 34, 41.156, 5.660

 24, 41.156, 5.660

 14, 41.156, 5.660

 4, 41.156, 5.660

 0, 41.156, 5.660

 74, 41.156, 5.660  74, 41.156, 5.660

68, 51.807, 7.680

80, 30.435, 4.031

64, 62.006, 10.219

86, 19.930, 2.680

59, 71.297, 13.443

93, 9.805, 1.522

56, 79.305, 17.507

100, 0.142,
356.412

54, 85.923, 22.462

100, 0.319,
201.464

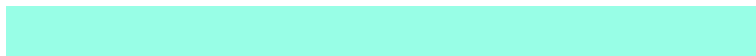
Harmonies

Complementary

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



74, 41.156, 5.660



93, 35.269, 176.553

Rectangle

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



74, 41.156, 5.660



74, 41.156, 55.660



74, 41.156, 185.660



74, 41.156, 235.660

Sweetspot

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



74, 41.153, 5.663



92, 11.683, 1.727



74, 60.165, 319.028



48, 7.774, 1.874



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, 41.153, 5.663



70, 49.690, 7.210



79, 34.720, 44.274



50, 5.502, 1.452



40, 73.277, 26.841



10, 31.781, 16.850

Inverse Universe

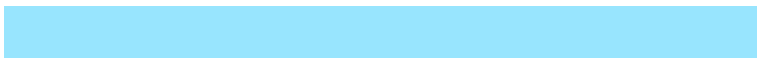
The Inverse Universe completely reimagines the original color for something new.



74, 41.153, 5.663



70, 49.690, 7.210



87, 26.253, 228.933



50, 5.502, 1.452



40, 73.277, 26.841



10, 31.781, 16.850

Previews

White Background



This preview shows how the CIELCh color 74, 41.156, 5.660 looks on a white background.

Color Contrast Check

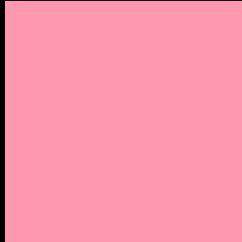
Large Text (above 18pt) WCAG AA × Fail

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, 41.156, 5.660 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, 41.156, 5.660

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.156, 5.660.

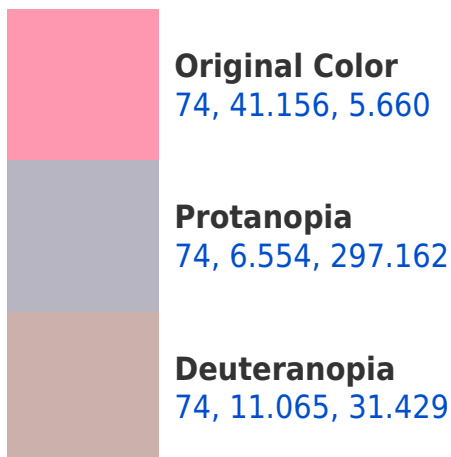


This preview shows how white text looks on a background with the CIELCh color 74, 41.156, 5.660.

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, 39.550, 14.883

Trichromacy



Original Color
74, 41.156, 5.660



Protanomaly
73, 17.301, 348.969



Deuteranomaly
74, 21.641, 12.846



Tritanomaly
74, 39.985, 11.228

Monochromacy



Original Color
74, 41.156, 5.660



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 14.886, 1.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.156, 5.660 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, 152, 176)` looks like.

```
.text, #text, p{  
    color:rgb(254, 152, 176)  
}
```

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, 152, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 152, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.156, 5.660 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, 152, 176) }
```

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

```
.border{ border-color:rgb(254, 152, 176) }
```

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

Here you see how a box with a 4 pixel rgb(254, 152, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 152, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 152, 176);  
box-shadow:4px 4px 4px 4px rgb(254, 152,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.156, 5.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 152, 176) }
```

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

```
.background{ background-color: rgb(254,  
152, 176) }
```

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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