

Converting Colors

CIELCh(83, 67.938, 16.375)

Have a look what the booklet for
CIELCh(83, 67.938, 16.375) contains.

CIELCh(74, 41.864, 6.835)	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, 41.864, 6.835)

Conversions

Conversions Part 1

Format	Color
Hex	FF97AE
RGB	255, 151, 174
RGB Percent	100%, 59%, 68%
CMY	0.0000, 0.4061, 0.3159
CMYK	0.00, 0.41, 0.32, 0.00
HSL	347°, 100%, 80%
HSV	347°, 41%, 100%
XYZ	60.2435, 46.7039, 46.1099
YIQ	184.7180, 54.6010, 29.2010

Conversions

Conversions Part 2

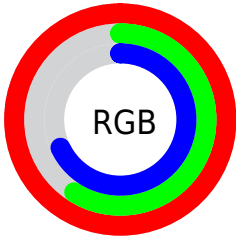
Format	Color
R _Y B	255, 151, 174
Decimal	16750510
CIE Lab	74.00, 41.57, 4.98
CIE LCh	74, 41.864, 6.835
Yxy	46.7039, 0.3936, 0.3051
Android (android.graphics.Color)	4294940590 (0xFFFF97AE)
YUV	184.7180, -5.2840, 61.6373
Hunter-Lab	68.3403, 37.7563, 7.8346

Details

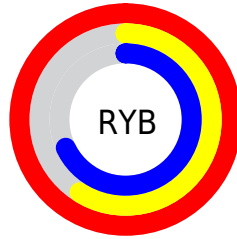
The CIELCh color $74, 41.864, 6.835$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $93, 35.394, 177.531$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 20.798, 347.675$, and $54, 41.873, 6.747$ is the 20% darker color. If you saturate the color by 10%, you get $68, 52.392, 8.791$, and if you desaturate by 10%, it is $80, 30.915, 5.081$.

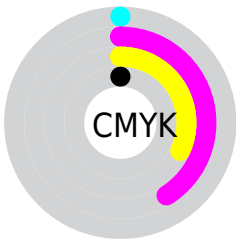
Distribution



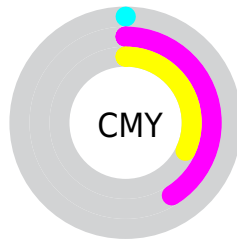
- Red (100%)
- Green (59%)
- Blue (68%)



- Red (100%)
- Yellow (59%)
- Blue (68%)



- Cyan (0%)
- Magenta (41%)
- Yellow (32%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.864, 6.835 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, 41.864, 6.835 by changing the saturation by 10% instead.

 74, 41.864, 6.835

 74, 41.864, 6.835

 100, 41.864, 6.835

 64, 41.864, 6.835

 94, 41.864, 6.835

 54, 41.864, 6.835

 44, 41.864, 6.835

 34, 41.864, 6.835

 24, 41.864, 6.835

 14, 41.864, 6.835

 4, 41.864, 6.835

 0, 41.864, 6.835

 74, 41.864, 6.835

 74, 41.864, 6.835

68, 52.392, 8.791

80, 30.915, 5.081

64, 62.669, 11.381

86, 20.380, 3.715

59, 72.063, 14.671

93, 10.240, 2.551

56, 80.210, 18.806

100, 0.576, 0.593

54, 87.016, 23.809

100, 0.012,
296.813

54, 92.533, 28.952

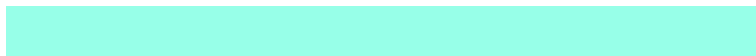
Harmonies

Complementary

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



74, 41.864, 6.835



93, 35.394, 177.531

Rectangle

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



74, 41.864, 6.835



74, 41.864, 56.835



74, 41.864, 186.835



74, 41.864, 236.835

Sweetspot

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



74, 41.678, 6.737



92, 11.625, 2.705



74, 61.210, 319.566



48, 7.736, 2.852



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, 41.678, 6.737



69, 50.689, 8.428



79, 35.031, 45.932



50, 5.473, 2.430



40, 73.885, 27.900



10, 31.856, 17.585

Inverse Universe

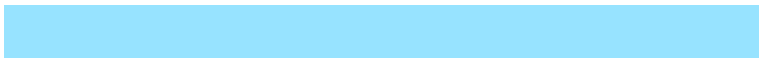
The Inverse Universe completely reimagines the original color for something new.



74, 41.678, 6.737



69, 50.689, 8.428



87, 26.568, 231.422



50, 5.473, 2.430



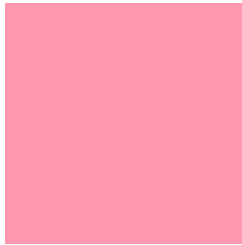
40, 73.885, 27.900



10, 31.856, 17.585

Previews

White Background



This preview shows how the CIELCh color 74, 41.864, 6.835 looks on a white background.

Color Contrast Check

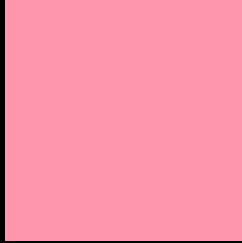
Large Text (above 18pt) WCAG AA × Fail

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, 41.864, 6.835 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, 41.864, 6.835

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.864, 6.835.

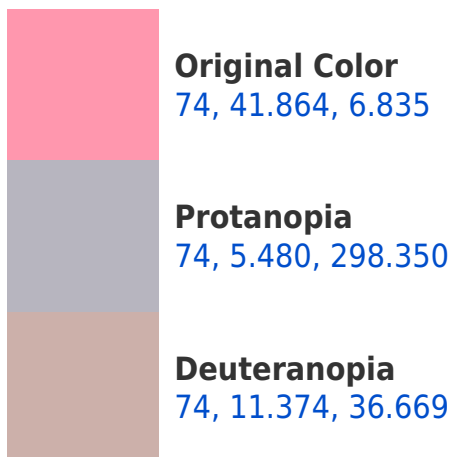


This preview shows how white text looks on a background with the CIELCh color 74, 41.864, 6.835.

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, 40.367, 14.411

Trichromacy



Original Color
74, 41.864, 6.835



Protanomaly
73, 16.801, 352.155



Deuteranomaly
74, 22.016, 14.429



Tritanomaly
74, 40.799, 11.584

Monochromacy



Original Color
74, 41.864, 6.835



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 14.746, 3.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.864, 6.835 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(255, 151, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 174)  
}
```

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(255, 151, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.864, 6.835 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(255, 151, 174) }
```

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

```
.border{ border-color:rgb(255, 151, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.864, 6.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 174) }
```

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

```
.background{ background-color: rgb(255,  
151, 174) }
```

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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