

Converting Colors

CIELCh(74, 41.181, 8.802)

Have a look what the booklet for
CIELCh(74, 41.181, 8.802) contains.

CIELCh(74, 41.294, 8.796)	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, 41.294, 8.796)

Conversions

Conversions Part 1

Format	Color
Hex	FF98AC
RGB	255, 152, 172
RGB Percent	100%, 60%, 67%
CMY	0.0000, 0.4038, 0.3254
CMYK	0.00, 0.40, 0.33, 0.00
HSL	348°, 100%, 80%
HSV	348°, 40%, 100%
XYZ	59.9251, 46.7039, 44.8937
YIQ	185.0770, 54.9680, 28.0560

Conversions

Conversions Part 2

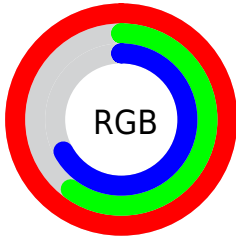
Format	Color
R _Y B	255, 152, 172
Decimal	16750764
CIE Lab	74.00, 40.81, 6.31
CIE LCh	74, 41.294, 8.796
Yxy	46.7039, 0.3955, 0.3082
Android (android.graphics.Color)	4294940844 (0xFFFF98AC)
YUV	185.0770, -6.4470, 61.3225
Hunter-Lab	68.3403, 36.9245, 8.8898

Details

The CIELCh color $74, 41.294, 8.796$ is a light color, and the websafe version is hex `FF9999`. A complement of this color would be $94, 34.556, 179.795$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 19.717, 350.910$, and $54, 41.324, 8.787$ is the 20% darker color. If you saturate the color by 10%, you get $68, 52.104, 10.862$, and if you desaturate by 10%, it is $80, 30.492, 7.137$.

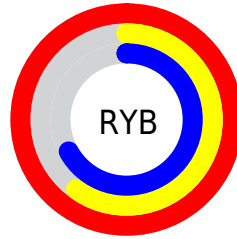
Distribution



Red (100%)

Green (60%)

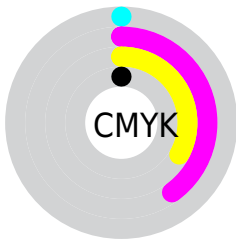
Blue (67%)



Red (100%)

Yellow (60%)

Blue (67%)

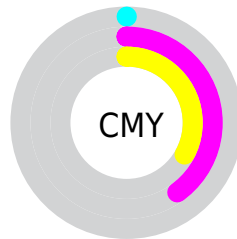


Cyan (0%)

Magenta (40%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.294, 8.796 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, 41.294, 8.796 by changing the saturation by 10% instead.

 74, 41.294, 8.796

 74, 41.294, 8.796

 100, 41.294, 8.796

 64, 41.294, 8.796

 94, 41.294, 8.796

 54, 41.294, 8.796

 44, 41.294, 8.796

 34, 41.294, 8.796

 24, 41.294, 8.796

 14, 41.294, 8.796

 4, 41.294, 8.796

 0, 41.294, 8.796

 74, 41.294, 8.796

 74, 41.294, 8.796

■ 68, 52.104, 10.862

■ 80, 30.492, 7.137

■ 64, 62.580, 13.476

■ 86, 19.986, 5.777

■ 59, 72.284, 16.795

■ 93, 9.919, 4.623

■ 56, 80.857, 20.949

100, 0.361, 2.030

■ 54, 88.178, 25.920

100, 0.012,
296.813

■ 53, 94.280, 31.043

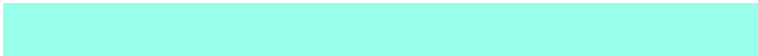
Harmonies

Complementary

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



74, 41.294, 8.796



94, 34.556, 179.795

Rectangle

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



74, 41.294, 8.796



74, 41.294, 58.796



74, 41.294, 188.796



74, 41.294, 238.796

Sweetspot

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



74, 41.284, 8.795



92, 11.513, 4.800



74, 61.254, 320.590



48, 7.663, 4.945



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, 41.284, 8.795



70, 49.541, 10.326



80, 34.385, 49.330



50, 5.418, 4.527



40, 75.234, 30.031



10, 32.019, 19.024

Inverse Universe

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



74, 41.284, 8.795



70, 49.541, 10.326



86, 26.554, 236.229



50, 5.418, 4.527



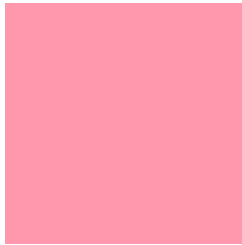
40, 75.234, 30.031



10, 32.019, 19.024

Previews

White Background



This preview shows how the CIELCh color 74, 41.294, 8.796 looks on a white background.

Color Contrast Check

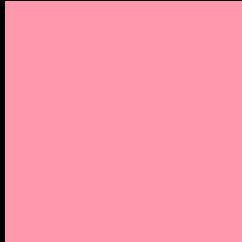
Large Text (above 18pt) WCAG AA × Fail

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, 41.294, 8.796 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, 41.294, 8.796

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.294, 8.796.



This preview shows how white text looks on a background with the CIELCh color 74, 41.294, 8.796.

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



Original Color

74, 41.294, 8.796

Protanopia

74, 4.489, 304.785

Deuteranopia

74, 12.151, 40.921



Tritanopia
74, 40.367, 14.411

Trichromacy



Original Color
74, 41.294, 8.796

Protanomaly
73, 16.708, 356.142

Deuteranomaly
74, 22.038, 18.594

Tritanomaly
74, 40.358, 12.148

Monochromacy



Original Color
74, 41.294, 8.796

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 14.626, 5.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.294, 8.796 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, 152, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 172)  
}
```

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, 152, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.294, 8.796 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, 152, 172) }
```

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

```
.border{ border-color:rgb(255, 152, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.294, 8.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 172) }
```

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

```
.background{ background-color: rgb(255,  
152, 172) }
```

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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