

Converting Colors

CIELCh(81, 65.577, 31.208)

Have a look what the booklet for
CIELCh(81, 65.577, 31.208) contains.

CIELCh(74, 43.006, 32.339)	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, 43.006, 32.339)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B8E
RGB	255, 155, 142
RGB Percent	100%, 61%, 56%
CMY	0.0000, 0.3933, 0.4444
CMYK	0.00, 0.39, 0.44, 0.00
HSL	7°, 100%, 78%
HSV	7°, 44%, 100%
XYZ	58.0691, 46.7039, 31.4226
YIQ	183.4180, 63.7730, 17.1570

Conversions

Conversions Part 2

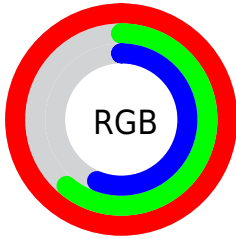
Format	Color
R _Y B	255, 157, 142
Decimal	16751502
CIE Lab	74.00, 36.34, 23.01
CIE LCh	74, 43.006, 32.339
Yxy	46.7039, 0.4264, 0.3429
Android (android.graphics.Color)	4294941582 (0xFFFF9B8E)
YUV	183.4180, -20.4191, 62.7774
Hunter-Lab	68.3403, 32.0770, 20.5769

Details

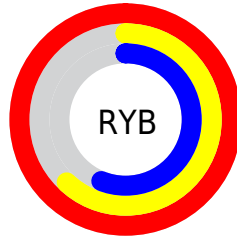
The CIELCh color **74, 43.006, 32.339** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 30.338, 210.624**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.814, 43.135**, and **54, 42.508, 31.980** is the 20% darker color. If you saturate the color by 10%, you get **69, 54.245, 33.609**, and if you desaturate by 10%, it is **79, 31.769, 31.494**.

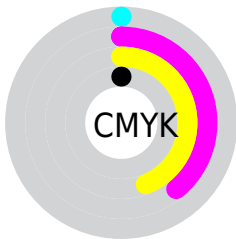
Distribution



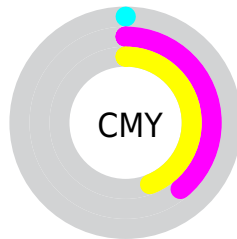
- Red (100%)
- Green (61%)
- Blue (56%)



- Red (100%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 43.006, 32.339 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, 43.006, 32.339 by changing the saturation by 10% instead.

74, 43.006, 32.339

74, 43.006, 32.339

100, 43.006,
32.339

64, 43.006, 32.339

94, 43.006, 32.339

54, 43.006, 32.339

44, 43.006, 32.339

34, 43.006, 32.339

24, 43.006, 32.339

14, 43.006, 32.339

4, 43.006, 32.339

0, 43.006, 32.339

74, 43.006, 32.339

74, 43.006, 32.339

69, 54.245, 33.609

79, 31.769, 31.494

64, 66.301, 35.202

85, 21.624, 30.860

60, 78.465, 37.142

91, 12.248, 30.420

57, 89.975, 39.197

97, 3.609, 30.031

55, 99.151, 40.678

100, 0.012,
296.813

54, 102.697,
41.138

Harmonies

Complementary

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



74, 43.006, 32.339



90, 30.338, 210.624

Rectangle

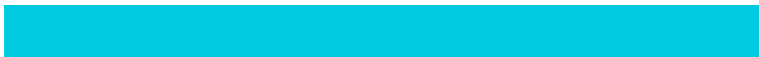
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 43.006, 32.339



74, 43.006, 82.339



74, 43.006, 212.339



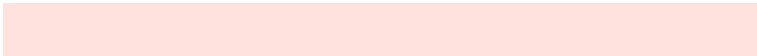
74, 43.006, 262.339

Sweetspot

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



74, 42.671, 32.388



92, 10.964, 30.368



74, 65.308, 329.885



48, 7.743, 30.449



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, 42.671, 32.388



70, 52.548, 33.411



87, 40.302, 79.426



50, 4.725, 30.245



41, 82.388, 41.398



11, 31.243, 32.815

Inverse Universe

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



90, 30.338, 210.624



89, 34.486, 211.096



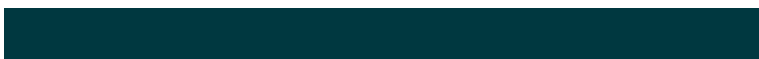
75, 38.317, 273.538



52, 4.441, 210.122



64, 35.580, 217.311



21, 16.521, 214.480

Previews

White Background



This preview shows how the CIELCh color 74, 43.006, 32.339 looks on a white background.

Color Contrast Check

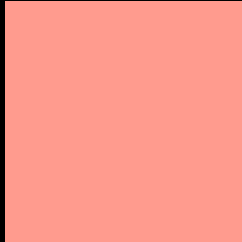
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 43.006, 32.339 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, 43.006, 32.339

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.006, 32.339.

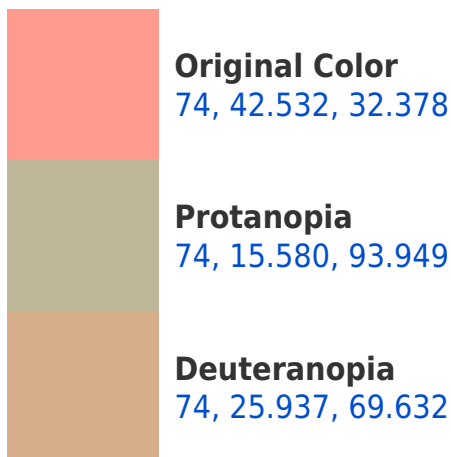


This preview shows how white text looks on a background with the CIELCh color 74, 43.006, 32.339.

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](#).

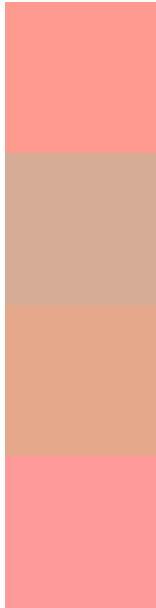
Dichromacy





Tritanopia
74, 40.809, 16.036

Trichromacy



Original Color
74, 42.532, 32.378

Protanomaly
74, 21.350, 54.005

Deuteranomaly
74, 30.328, 51.704

Tritanomaly
74, 40.942, 22.585

Monochromacy



Original Color
74, 42.532, 32.378

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.382, 31.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.006, 32.339 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, 155, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 142)  
}
```

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, 155, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.006, 32.339 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, 155, 142) }
```

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

```
.border{ border-color:rgb(255, 155, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.006, 32.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 142) }
```

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

```
.background{ background-color: rgb(255,  
155, 142) }
```

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