

Converting Colors

CIELCh(74, 38.664, 23.765)

Have a look what the booklet for
CIELCh(74, 38.664, 23.765) contains.

CIELCh(74, 38.587, 23.806)	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, 38.587, 23.806)

Conversions

Conversions Part 1

Format	Color
Hex	FB9C9B
RGB	251, 156, 155
RGB Percent	98%, 61%, 61%
CMY	0.0153, 0.3879, 0.3918
CMYK	0.00, 0.38, 0.38, 0.02
HSL	1°, 92%, 80%
HSV	1°, 38%, 98%
XYZ	57.6465, 46.7039, 37.0254
YIQ	184.2910, 56.9410, 19.8290

Conversions

Conversions Part 2

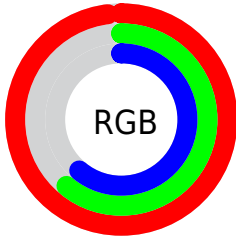
Format	Color
R _Y B	251, 156, 155
Decimal	16489627
CIE Lab	74.00, 35.30, 15.58
CIE LCh	74, 38.587, 23.806
Yxy	46.7039, 0.4078, 0.3304
Android (android.graphics.Color)	4294679707 (0xFFFB9C9B)
YUV	184.2910, -14.4405, 58.5038
Hunter-Lab	68.3403, 30.9731, 15.7161

Details

The CIELCh color **74, 38.587, 23.806** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 29.330, 198.615**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.543, 24.163**, and **54, 38.759, 23.547** is the 20% darker color. If you saturate the color by 10%, you get **68, 50.295, 25.525**, and if you desaturate by 10%, it is **80, 27.462, 22.502**.

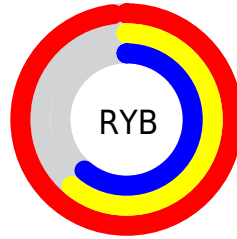
Distribution



Red (98%)

Green (61%)

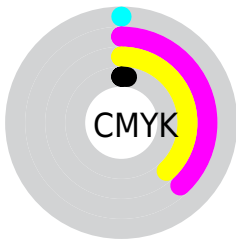
Blue (61%)



Red (98%)

Yellow (61%)

Blue (61%)

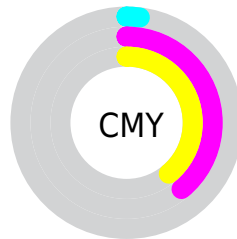


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 38.587, 23.806 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, 38.587, 23.806 by changing the saturation by 10% instead.

74, 38.587, 23.806

74, 38.587, 23.806

100, 38.587,
23.806

64, 38.587, 23.806

94, 38.587, 23.806

54, 38.587, 23.806

44, 38.587, 23.806

34, 38.587, 23.806

24, 38.587, 23.806

14, 38.587, 23.806

4, 38.587, 23.806

0, 38.587, 23.806

74, 38.587, 23.806

74, 38.587, 23.806

68, 50.295, 25.525

80, 27.462, 22.502

63, 62.354, 27.757

86, 17.055, 21.500

59, 74.398, 30.581

93, 7.400, 20.695

56, 85.894, 33.926

100, 1.355,
199.808

54, 95.860, 37.323

53, 102.325,
39.709

52, 103.234,
40.075

Harmonies

Complementary

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



74, 38.587, 23.806



93, 29.330, 198.615

Rectangle

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



74, 38.587, 23.806



74, 38.587, 73.806



74, 38.587, 203.806



74, 38.587, 253.806

Sweetspot

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



74, 38.584, 23.810



93, 10.120, 20.907



77, 59.878, 326.505



48, 6.837, 21.013



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, 38.584, 23.810



71, 48.240, 25.108



85, 32.194, 70.605



49, 5.113, 20.791



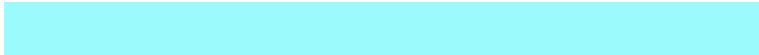
39, 83.245, 40.107



9, 31.969, 26.671

Inverse Universe

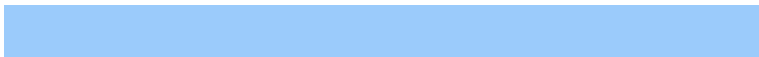
The Inverse Universe completely reimagines the original color for something new.



93, 29.330, 198.615



93, 34.370, 198.375



80, 28.846, 261.989



51, 4.812, 199.881



69, 39.369, 198.025



22, 17.845, 197.816

Previews

White Background



This preview shows how the CIELCh color 74, 38.587, 23.806 looks on a white background.

Color Contrast Check

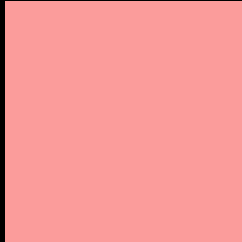
Large Text (above 18pt) WCAG AA × Fail

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, 38.587, 23.806 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, 38.587, 23.806

Background



This preview shows how black text looks on a background with the CIELCh color 74, 38.587, 23.806.

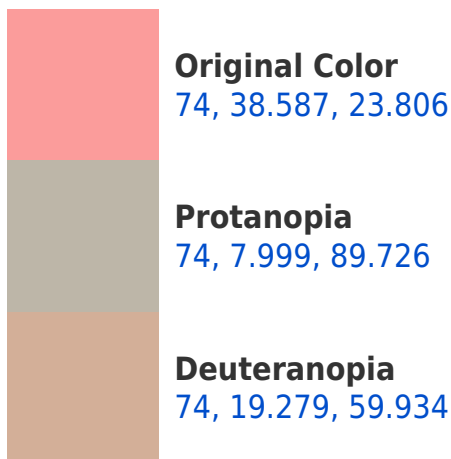


This preview shows how white text looks on a background with the CIELCh color 74, 38.587, 23.806.

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

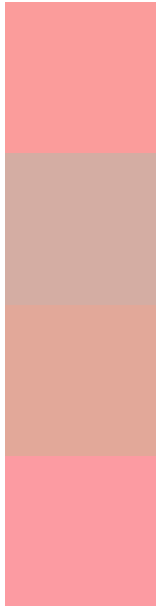




Tritanopia

74, 39.142, 13.974

Trichromacy



Original Color
74, 38.587, 23.806

Protanomaly
74, 16.442, 39.594

Deuteranomaly
74, 25.142, 39.800

Tritanomaly
74, 38.837, 17.731

Monochromacy



Original Color
74, 38.587, 23.806

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 13.189, 22.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 38.587, 23.806 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(251, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(251, 156, 155)  
}
```

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(251, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 156, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 38.587, 23.806 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(251, 156, 155) }
```

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

```
.border{ border-color:rgb(251, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(251, 156,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 38.587, 23.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 156, 155) }
```

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

```
.background{ background-color: rgb(251,  
156, 155) }
```

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