

Converting Colors

CIELCh(74, 37.368, 22.895)

Have a look what the booklet for
CIELCh(74, 37.368, 22.895) contains.

CIELCh(74, 37.207, 22.892)	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, 37.207, 22.892)

Conversions

Conversions Part 1

Format	Color
Hex	F99D9D
RGB	249, 157, 157
RGB Percent	98%, 62%, 62%
CMY	0.0234, 0.3842, 0.3842
CMYK	0.00, 0.37, 0.37, 0.02
HSL	0°, 89%, 80%
HSV	0°, 37%, 98%
XYZ	57.2277, 46.7039, 37.9091
YIQ	184.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

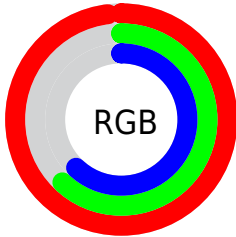
Format	Color
R _Y B	249, 157, 157
Decimal	16358813
CIE Lab	74.00, 34.28, 14.47
CIE LCh	74, 37.207, 22.892
Yxy	46.7039, 0.4035, 0.3293
Android (android.graphics.Color)	4294548893 (0xFFFF99D9D)
YUV	184.5080, -13.5614, 56.5595
Hunter-Lab	68.3403, 29.8793, 14.9494

Details

The CIELCh color **74, 37.207, 22.892** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 28.636, 197.627**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.046, 20.560**, and **54, 37.280, 22.460** is the 20% darker color. If you saturate the color by 10%, you get **68, 48.840, 24.615**, and if you desaturate by 10%, it is **80, 26.157, 21.583**.

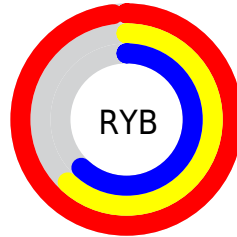
Distribution



Red (98%)

Green (62%)

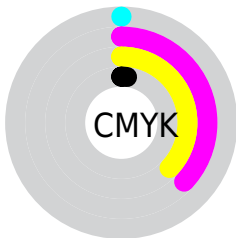
Blue (62%)



Red (98%)

Yellow (62%)

Blue (62%)

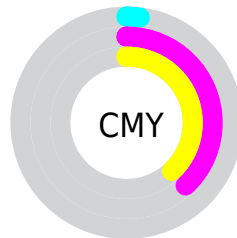


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 37.207, 22.892 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, 37.207, 22.892 by changing the saturation by 10% instead.

74, 37.207, 22.892

74, 37.207, 22.892

100, 37.207,
22.892

64, 37.207, 22.892

94, 37.207, 22.892

54, 37.207, 22.892

44, 37.207, 22.892

34, 37.207, 22.892

24, 37.207, 22.892

14, 37.207, 22.892

4, 37.207, 22.892

0, 37.207, 22.892

74, 37.207, 22.892

74, 37.207, 22.892

■ 68, 48.840, 24.615

■ 80, 26.157, 21.583

■ 63, 60.826, 26.854

■ 87, 15.820, 20.570

■ 59, 72.802, 29.704

■ 93, 6.231, 19.740

■ 55, 84.266, 33.123

■ 100, 2.070,
199.594

■ 53, 94.346, 36.706

■ 52, 101.154,
39.371

■ 52, 102.714,
40.001

Harmonies

Complementary

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



74, 37.207, 22.892



92, 28.636, 197.627

Rectangle

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



74, 37.207, 22.892



74, 37.207, 72.892



74, 37.207, 202.892



74, 37.207, 252.892

Sweetspot

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



74, 37.204, 22.896



92, 10.225, 20.068



77, 57.552, 326.439



48, 6.908, 20.179



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, 37.204, 22.896



71, 46.252, 24.070



85, 30.803, 70.772



49, 5.167, 19.947



39, 83.391, 40.001



9, 32.194, 26.142

Inverse Universe

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



92, 28.636, 197.627



94, 33.597, 197.359



80, 27.714, 261.685



51, 4.864, 198.969



69, 39.960, 196.396



23, 18.080, 196.394

Previews

White Background



This preview shows how the CIELCh color 74, 37.207, 22.892 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, 37.207, 22.892 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, 37.207, 22.892

Background



This preview shows how black text looks on a background with the CIELCh color 74, 37.207, 22.892.



This preview shows how white text looks on a background with the CIELCh color 74, 37.207, 22.892.

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, 37.207, 22.892

Protanopia

74, 6.988, 86.927

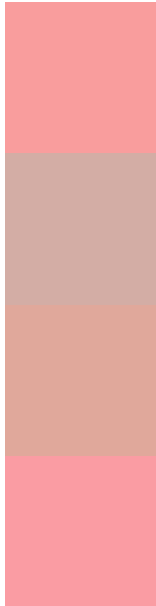
Deuteranopia

74, 18.215, 58.381



Tritanopia
74, 37.920, 13.521

Trichromacy



Original Color
74, 37.207, 22.892

Protanomaly
74, 15.652, 36.466

Deuteranomaly
74, 23.898, 38.084

Tritanomaly
74, 37.587, 17.403

Monochromacy



Original Color
74, 37.207, 22.892

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 12.737, 20.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 37.207, 22.892 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(249, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(249, 157, 157)  
}
```

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(249, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 157, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 37.207, 22.892 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(249, 157, 157) }
```

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

```
.border{ border-color:rgb(249, 157, 157) }
```

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

Here you see how a box with a 4 pixel rgb(249, 157, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(249, 157,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 37.207, 22.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 157, 157) }
```

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

```
.background{ background-color: rgb(249,  
157, 157) }
```

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