

# Converting Colors

CIELCh(74, 34.204, 22.561)

Have a look what the booklet for  
CIELCh(74, 34.204, 22.561) contains.

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# **Color**

**CIELCh(74, 34.247, 22.580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F49F9F
RGB	244, 159, 159
RGB Percent	96%, 62%, 62%
CMY	0.0418, 0.3753, 0.3753
CMYK	0.00, 0.35, 0.35, 0.04
HSL	0°, 80%, 79%
HSV	0°, 35%, 96%
XYZ	56.1550, 46.7039, 38.9889
YIQ	184.4150, 50.6600, 18.0200

# Conversions

## Conversions Part 2

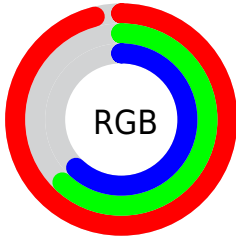
Format	Color
R <sub>Y</sub> B	244, 159, 159
Decimal	16031647
CIE Lab	74.00, 31.62, 13.15
CIE LCh	74, 34.247, 22.580
Yxy	46.7039, 0.3959, 0.3293
Android (android.graphics.Color)	4294221727 (0xFFFF49F9F)
YUV	184.4150, -12.5296, 52.2560
Hunter-Lab	68.3403, 27.0774, 14.0126

# Details

The CIELCh color **74, 34.247, 22.580** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 26.818, 197.722**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.252, 20.490**, and **54, 34.567, 21.913** is the 20% darker color. If you saturate the color by 10%, you get **68, 45.591, 24.203**, and if you desaturate by 10%, it is **80, 23.512, 21.346**.

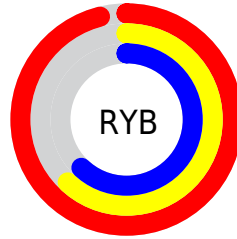
# Distribution



Red (96%)

Green (62%)

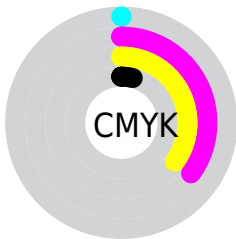
Blue (62%)



Red (96%)

Yellow (62%)

Blue (62%)

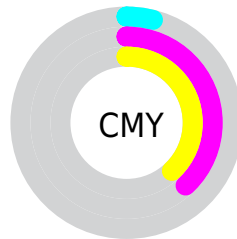


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (4%)



Cyan (4%)

Magenta (38%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 34.247, 22.580 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, 34.247, 22.580 by changing the saturation by 10% instead.



74, 34.247, 22.580

74, 34.247, 22.580

100, 34.247,  
22.580

64, 34.247, 22.580

94, 34.247, 22.580

54, 34.247, 22.580

44, 34.247, 22.580

34, 34.247, 22.580

24, 34.247, 22.580

14, 34.247, 22.580

4, 34.247, 22.580

0, 34.247, 22.580

74, 34.247, 22.580

74, 34.247, 22.580

■ 68, 45.591, 24.203

■ 80, 23.512, 21.346

■ 63, 57.343, 26.316

■ 87, 13.493, 20.387

■ 59, 69.174, 29.024

■ 93, 4.208, 19.557

■ 55, 80.629, 32.330

■ 99, 3.687, 199.351

■ 53, 90.972, 35.939

■ 51, 98.601, 38.924

■ 51, 101.242,  
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, 34.247, 22.580



91, 26.818, 197.722

# Rectangle

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



74, 34.247, 22.580



74, 34.247, 72.580



74, 34.247, 202.580



74, 34.247, 252.580

# Sweetspot

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



74, 34.245, 22.584



93, 9.258, 19.993



77, 53.497, 326.328



49, 6.352, 20.106



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, 34.245, 22.584



73, 43.865, 23.721



84, 28.425, 71.050



48, 5.079, 19.950



39, 82.549, 40.001



8, 31.022, 25.014





# Inverse Universe

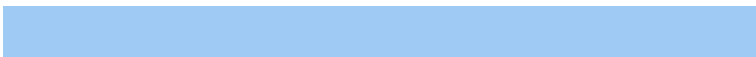
The Inverse Universe completely reimagines the original color for something new.



91, 26.818, 197.722



94, 32.392, 197.438



80, 25.752, 261.196



50, 4.782, 198.976



69, 39.553, 196.406



22, 17.586, 196.403



# Previews

## White Background



This preview shows how the CIELCh color 74, 34.247, 22.580 looks on a white background.

## Color Contrast Check

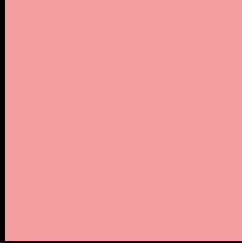
Large Text (above 18pt) WCAG AA × Fail

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, 34.247, 22.580 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, 34.247, 22.580

## Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.247, 22.580.



This preview shows how white text looks on a background with the CIELCh color 74, 34.247, 22.580.

# 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, 34.247, 22.580

### Protanopia

74, 6.343, 88.368

### Deuteranopia

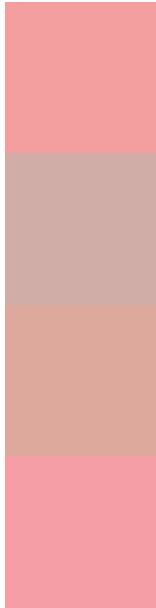
74, 17.170, 56.618



**Tritanopia**  
74, 34.663, 12.207



# Trichromacy



**Original Color**  
74, 34.247, 22.580

**Protanomaly**  
74, 13.895, 36.109

**Deuteranomaly**  
74, 22.458, 37.677

**Tritanomaly**  
74, 34.669, 15.722

# Monochromacy



**Original Color**  
74, 34.247, 22.580

**Achromatopsia**  
75, 0.009, 296.813

**Achromatomaly**  
74, 11.934, 20.379

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 34.247, 22.580 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(244, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(244, 159, 159)  
}
```

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(244, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 159, 159) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 34.247, 22.580 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(244, 159, 159) }
```

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

```
.border{ border-color:rgb(244, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(244, 159,  
159) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 34.247, 22.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 159, 159) }
```

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

```
.background{ background-color: rgb(244,  
159, 159) }
```

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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