

# Converting Colors

CIELCh(74, 34.098, 95.740)

Have a look what the booklet for  
CIELCh(74, 34.098, 95.740) contains.

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# **Color**

**CIELCh(74, 34.284, 95.547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6B677
RGB	198, 182, 119
RGB Percent	78%, 71%, 47%
CMY	0.2242, 0.2869, 0.5339
CMYK	0.00, 0.08, 0.40, 0.22
HSL	48°, 41%, 62%
HSV	48°, 40%, 78%
XYZ	43.2627, 46.7039, 24.1409
YIQ	179.6020, 29.7590, -16.2010

# Conversions

## Conversions Part 2

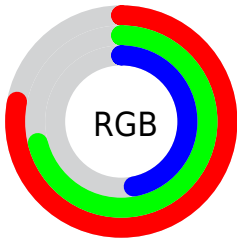
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 198, 119
Decimal	13022839
CIELab	74.00, -3.31, 34.12
CIELCh	74, 34.284, 95.547
Yxy	46.7039, 0.3791, 0.4093
Android (android.graphics.Color)	4291212919 (0xFFC6B677)
YUV	179.6020, -29.8768, 16.1350
Hunter-Lab	68.3403, -6.5963, 26.8943

# Details

The CIELCh color **74, 34.284, 95.547** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 36.037, 286.370**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.284, 96.239**, and **54, 34.336, 95.118** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.706, 94.315**, and if you desaturate by 10%, it is **75, 25.700, 96.769**.

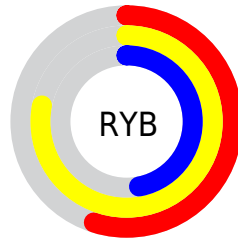
# Distribution



Red (78%)

Green (71%)

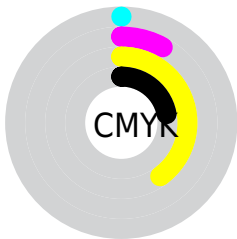
Blue (47%)



Red (55%)

Yellow (78%)

Blue (47%)

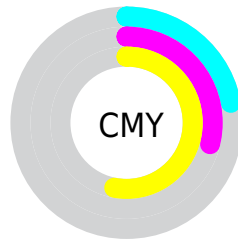


Cyan (0%)

Magenta (8%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 34.284, 95.547 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, 34.284, 95.547 by changing the saturation by 10% instead.



 74, 34.284, 95.547

 74, 34.284, 95.547

 100, 34.284,  
95.547

 64, 34.284, 95.547

 94, 34.284, 95.547

 54, 34.284, 95.547

 44, 34.284, 95.547

 34, 34.284, 95.547

 24, 34.284, 95.547

 14, 34.284, 95.547

 4, 34.284, 95.547

 0, 34.284, 95.547

 74, 34.284, 95.547

 74, 34.284, 95.547

73, 42.706, 94.315

75, 25.700, 96.769

71, 50.752, 93.064

77, 17.071, 97.962

70, 58.077, 91.795

78, 8.467, 99.118

69, 64.155, 90.489

80, 0.075, 282.375

68, 68.331, 89.100

81, 8.536, 281.371

67, 70.467, 87.590

83, 16.909,  
282.403

67, 70.482, 87.578

85, 23.980,  
282.793

86, 22.071,  
278.299

87, 20.320,  
273.029

# Harmonies

# Complementary

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



74, 34.284, 95.547



57, 36.037, 286.370

# Rectangle

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



74, 34.284, 95.547



74, 34.284, 145.547



74, 34.284, 275.547



74, 34.284, 325.547

# Sweetspot

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



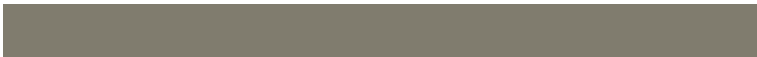
74, 34.285, 95.551



98, 12.596, 98.862



59, 33.261, 6.908



52, 8.360, 98.709



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, 34.285, 95.551



92, 50.493, 94.464



77, 42.299, 118.821



41, 4.858, 99.179



56, 61.179, 87.824



11, 15.989, 92.210





# Inverse Universe

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



57, 36.037, 286.370



67, 54.016, 288.293



55, 46.071, 304.141



39, 4.913, 281.393



23, 82.912, 302.112



3, 18.505, 285.915



# Previews

## White Background



This preview shows how the CIELCh color 74, 34.284, 95.547 looks on a white background.

## Color Contrast Check

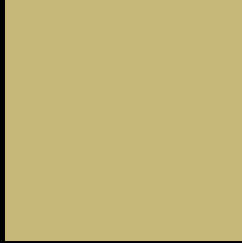
Large Text (above 18pt) WCAG AA × Fail

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, 34.284, 95.547 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, 34.284, 95.547

## Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.284, 95.547.

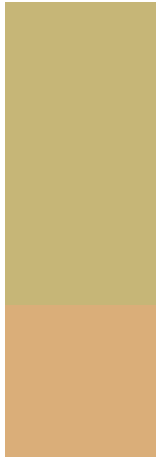


This preview shows how white text looks on a background with the CIELCh color 74, 34.284, 95.547.

# 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, 34.284, 95.547

### Protanopia

74, 34.284, 95.547

### Deuteranopia

74, 34.511, 74.435



**Tritanopia**  
74, 14.208, 348.556



# Trichromacy



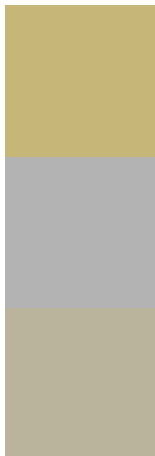
**Original Color**  
74, 34.284, 95.547

**Protanomaly**  
74, 34.284, 95.547

**Deuteranomaly**  
74, 34.042, 82.036

**Tritanomaly**  
74, 12.786, 56.082

# Monochromacy



**Original Color**  
74, 34.284, 95.547

**Achromatopsia**  
73, 0.009, 296.813

**Achromatomaly**  
73, 12.627, 98.198

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 34.284, 95.547 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(198, 182, 119)` looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 119)  
}
```

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(198, 182, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 119) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 34.284, 95.547 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(198, 182, 119) }
```

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

```
.border{ border-color:rgb(198, 182, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 182, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 182, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 182, 119);  
box-shadow:4px 4px 4px 4px rgb(198, 182,  
119) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 34.284, 95.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 182, 119) }
```

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

```
.background{ background-color: rgb(198,  
182, 119) }
```

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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