

Converting Colors

CIELCh(74, 34.199, 102.765)

Have a look what the booklet for
CIELCh(74, 34.199, 102.765)
contains.

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Color

CIELCh(74, 34.123, 102.646)

Conversions

Conversions Part 1

Format	Color
Hex	BEB878
RGB	190, 184, 120
RGB Percent	75%, 72%, 47%
CMY	0.2541, 0.2776, 0.5286
CMYK	0.00, 0.03, 0.37, 0.25
HSL	55°, 35%, 61%
HSV	55°, 37%, 75%
XYZ	41.8753, 46.7039, 24.6398
YIQ	178.4980, 24.1200, -18.6320

Conversions

Conversions Part 2

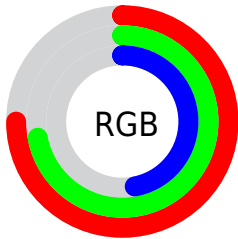
Format	Color
RYB	127, 190, 120
Decimal	12499064
CIELab	74.00, -7.47, 33.30
CIELCh	74, 34.123, 102.646
Yxy	46.7039, 0.3699, 0.4125
Android (android.graphics.Color)	4290689144 (0xFFBEB878)
YUV	178.4980, -28.8395, 10.0873
Hunter-Lab	68.3403, -10.2203, 26.4614

Details

The CIELCh color **74, 34.123, 102.646** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55, 36.807, 291.523**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.162, 102.871**, and **54, 34.168, 102.846** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.019, 101.609**, and if you desaturate by 10%, it is **75, 24.969, 103.703**.

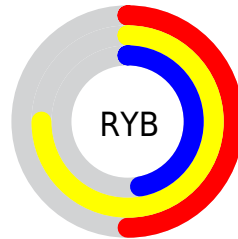
Distribution



Red (75%)

Green (72%)

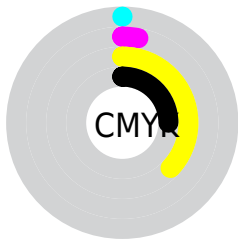
Blue (47%)



Red (50%)

Yellow (75%)

Blue (47%)

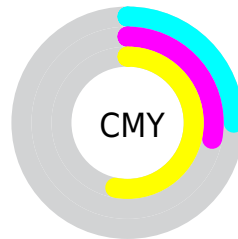


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 34.123, 102.646 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, 34.123, 102.646 by changing the saturation by 10% instead.

 74, 34.123,
102.646

 74, 34.123,
102.646


 100, 34.123,
102.646


 64, 34.123,
102.646

 94, 34.123,
102.646

 54, 34.123,
102.646

 44, 34.123,
102.646

 34, 34.123,
102.646

 24, 34.123,
102.646

 14, 34.123,
102.646

 4, 34.123, 102.646

0, 34.123, 102.646

74, 34.123,
102.646

74, 34.123,
102.646

73, 43.019,
101.609

75, 24.969,
103.703

73, 51.446,
100.598

76, 15.685,
104.752

72, 59.083, 99.641

76, 6.350, 105.780

71, 65.473, 98.757

77, 2.987, 286.840

71, 70.079, 97.964

78, 12.295,
287.795

70, 72.547, 97.258

79, 21.556,
288.734

70, 73.129, 97.042

80, 30.758,

289.634

■ 81, 30.745,
288.656

■ 81, 29.872,
287.441

Harmonies

Complementary

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



74, 34.123, 102.646



55, 36.807, 291.523

Rectangle

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



74, 34.123, 102.646



74, 34.123, 152.646



74, 34.123, 282.646



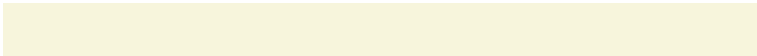
74, 34.123, 332.646

Sweetspot

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



74, 34.124, 102.650



96, 12.706, 105.336



58, 29.307, 15.227



52, 8.607, 105.194



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 34.124, 102.650



93, 50.166, 101.825



74, 38.780, 123.649



40, 5.253, 105.523



59, 63.825, 97.129



10, 15.110, 102.673

Inverse Universe

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



55, 36.807, 291.523



64, 55.323, 293.030



56, 41.364, 307.634



37, 5.349, 287.512



19, 89.437, 305.019



1, 16.359, 288.150

Previews

White Background



This preview shows how the CIELCh color 74, 34.123, 102.646 looks on a white background.

Color Contrast Check

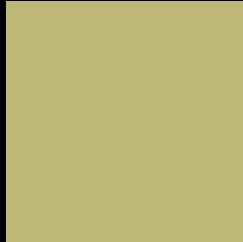
Large Text (above 18pt) WCAG AA × Fail

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, 34.123, 102.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

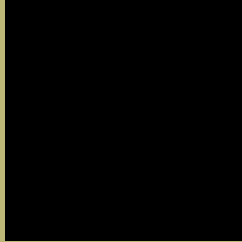
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 34.123, 102.646

Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.123, 102.646.



This preview shows how white text looks on a background with the CIELCh color 74, 34.123, 102.646.

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, 34.123, 102.646

Protanopia

74, 34.284, 95.547

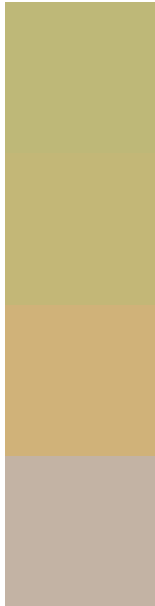
Deuteranopia

74, 34.051, 74.039



Tritanopia
74, 10.827, 339.874

Trichromacy



Original Color
74, 34.123, 102.646

Protanomaly
74, 34.451, 98.431

Deuteranomaly
74, 33.261, 84.697

Tritanomaly
74, 10.232, 71.717

Monochromacy



Original Color
74, 34.123, 102.646

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 12.426, 105.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 34.123, 102.646 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(190, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 120)  
}
```

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(190, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 34.123, 102.646 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(190, 184, 120) }
```

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

```
.border{ border-color:rgb(190, 184, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 184, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 120);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 34.123, 102.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 120) }
```

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

```
.background{ background-color: rgb(190,  
184, 120) }
```

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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