

Converting Colors

CIELCh(74, 36.344, 100.590)

Have a look what the booklet for
CIELCh(74, 36.344, 100.590)
contains.

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Color

CIELCh(74, 36.293, 100.667)

Conversions

Conversions Part 1

Format	Color
Hex	C1B874
RGB	193, 184, 116
RGB Percent	76%, 72%, 45%
CMY	0.2444, 0.2796, 0.5462
CMYK	0.00, 0.05, 0.40, 0.24
HSL	53°, 38%, 60%
HSV	53°, 40%, 76%
XYZ	42.1242, 46.7039, 23.2298
YIQ	178.9390, 27.1920, -19.2400

Conversions

Conversions Part 2

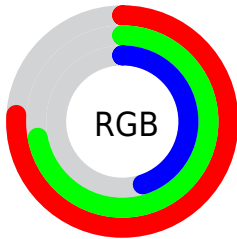
Format	Color
RYB	126, 193, 116
Decimal	12695668
CIELab	74.00, -6.72, 35.67
CIELCh	74, 36.293, 100.667
Yxy	46.7039, 0.3759, 0.4168
Android (android.graphics.Color)	4290885748 (0xFFC1B874)
YUV	178.9390, -31.0289, 12.3315
Hunter-Lab	68.3403, -9.5699, 27.6847

Details

The CIELCh color **74, 36.293, 100.667** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54, 39.170, 290.721**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.312, 100.458**, and **54, 36.353, 100.574** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.981, 99.582**, and if you desaturate by 10%, it is **75, 27.329, 101.767**.

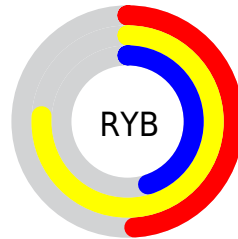
Distribution



Red (76%)

Green (72%)

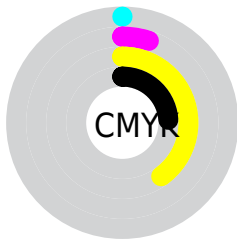
Blue (45%)



Red (49%)

Yellow (76%)

Blue (45%)

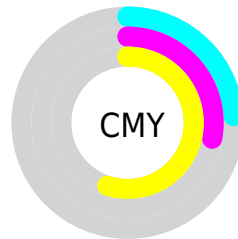


Cyan (0%)

Magenta (5%)

Yellow (40%)

Black (24%)



Cyan (24%)


Magenta (28%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 36.293, 100.667 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, 36.293, 100.667 by changing the saturation by 10% instead.

 74, 36.293,
100.667

 74, 36.293,
100.667


 100, 36.293,
100.667


 64, 36.293,
100.667


 94, 36.293,
100.667

 54, 36.293,
100.667

 44, 36.293,
100.667

 34, 36.293,
100.667

 24, 36.293,
100.667

 14, 36.293,
100.667

 4, 36.293, 100.667

0, 36.293, 100.667

74, 36.293,
100.667

74, 36.293,
100.667

73, 44.981, 99.582

75, 27.329,
101.767

72, 53.156, 98.518

76, 18.230,
102.856

72, 60.455, 97.492

71, 66.374, 96.517

77, 9.083, 103.925

70, 70.346, 95.592

78, 0.058, 286.886

70, 72.360, 94.699

79, 9.165, 286.013

70, 72.370, 94.694

80, 18.217,
286.984

81, 27.205,
287.916

■ 82, 28.332,
286.748

■ 83, 27.166,
284.836

Harmonies

Complementary

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



74, 36.293, 100.667



54, 39.170, 290.721

Rectangle

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



74, 36.293, 100.667



74, 36.293, 150.667



74, 36.293, 280.667



74, 36.293, 330.667

Sweetspot

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



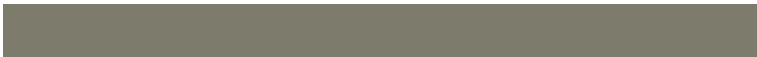
74, 36.294, 100.671



97, 13.540, 103.688



57, 32.360, 13.219



51, 8.981, 103.548



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, 36.294, 100.671



93, 53.463, 99.711



74, 42.108, 122.195



40, 5.201, 103.985



59, 63.311, 94.815



11, 16.112, 99.659

Inverse Universe

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



54, 39.170, 290.721



63, 59.130, 292.530



54, 45.403, 306.784



38, 5.287, 286.034



20, 88.681, 304.442



2, 17.871, 287.834

Previews

White Background



This preview shows how the CIELCh color 74, 36.293, 100.667 looks on a white background.

Color Contrast Check

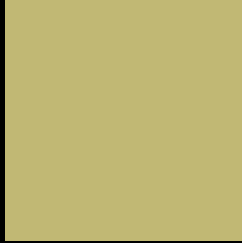
Large Text (above 18pt) WCAG AA × Fail

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, 36.293, 100.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

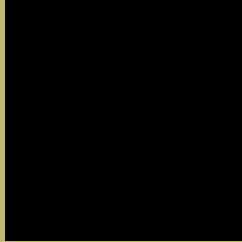
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 36.293, 100.667

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.293, 100.667.



This preview shows how white text looks on a background with the CIELCh color 74, 36.293, 100.667.

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, 36.293, 100.667

Protanopia

74, 36.317, 95.929

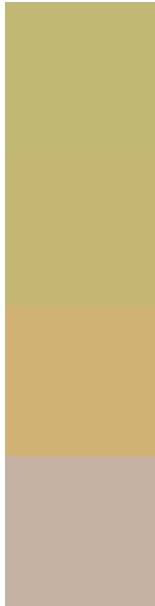
Deuteranopia

74, 36.143, 74.986



Tritanopia
74, 12.329, 342.658

Trichromacy



Original Color
74, 36.293, 100.667

Protanomaly
74, 36.559, 98.002

Deuteranomaly
74, 35.403, 85.046

Tritanomaly
74, 11.703, 67.095

Monochromacy



Original Color
74, 36.293, 100.667

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 13.525, 103.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.293, 100.667 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(193, 184, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 116)  
}
```

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(193, 184, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.293, 100.667 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(193, 184, 116) }
```

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

```
.border{ border-color:rgb(193, 184, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.293, 100.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 116) }
```

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

```
.background{ background-color: rgb(193,  
184, 116) }
```

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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