

Converting Colors

CIELCh(74, 35.940, 99.766)

Have a look what the booklet for
CIELCh(74, 35.940, 99.766) contains.

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Color

CIELCh(74, 35.921, 99.277)

Conversions

Conversions Part 1

Format	Color
Hex	C2B774
RGB	194, 183, 116
RGB Percent	76%, 72%, 45%
CMY	0.2385, 0.2816, 0.5444
CMYK	0.00, 0.06, 0.40, 0.24
HSL	52°, 39%, 61%
HSV	52°, 40%, 76%
XYZ	42.4323, 46.7039, 23.3552
YIQ	178.6510, 28.0630, -18.5050

Conversions

Conversions Part 2

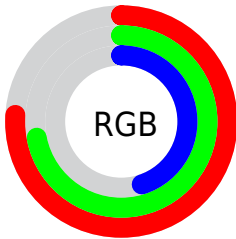
Format	Color
RYB	129, 194, 116
Decimal	12760948
CIELab	74.00, -5.79, 35.45
CIELCh	74, 35.921, 99.277
Yxy	46.7039, 0.3772, 0.4152
Android (android.graphics.Color)	4290951028 (0xFFC2B774)
YUV	178.6510, -30.8869, 13.4611
Hunter-Lab	68.3403, -8.7652, 27.5759

Details

The CIELCh color **74, 35.921, 99.277** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55, 38.528, 289.618**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 35.952, 99.145**, and **54, 35.978, 99.076** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.521, 98.150**, and if you desaturate by 10%, it is **75, 27.072, 100.412**.

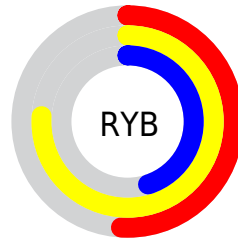
Distribution



Red (76%)

Green (72%)

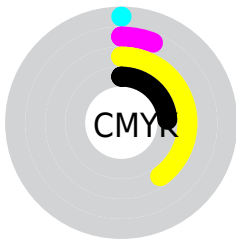
Blue (45%)



Red (51%)

Yellow (76%)

Blue (45%)

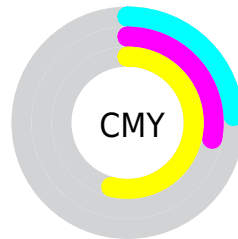


Cyan (0%)

Magenta (6%)

Yellow (40%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 35.921, 99.277 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, 35.921, 99.277 by changing the saturation by 10% instead.

■ 74, 35.921, 99.277

■ 74, 35.921, 99.277

■ 100, 35.921,
99.277

■ 64, 35.921, 99.277

■ 94, 35.921, 99.277

■ 54, 35.921, 99.277

■ 44, 35.921, 99.277

■ 34, 35.921, 99.277

■ 24, 35.921, 99.277

■ 14, 35.921, 99.277

■ 4, 35.921, 99.277

■ 0, 35.921, 99.277

■ 74, 35.921, 99.277

■ 74, 35.921, 99.277

73, 44.521, 98.150

75, 27.072,
100.412

72, 52.638, 97.032

76, 18.109,
101.531

71, 59.909, 95.936

70, 65.818, 94.867

77, 9.118, 102.625

70, 69.774, 93.813

78, 0.146, 102.868

69, 71.739, 92.769

80, 8.779, 284.761

81, 17.640,
285.749

82, 26.431,
286.698

83, 26.524,
284.813

84, 25.152,
282.205

Harmonies

Complementary

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



74, 35.921, 99.277



55, 38.528, 289.618

Rectangle

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



74, 35.921, 99.277



74, 35.921, 149.277



74, 35.921, 279.277



74, 35.921, 329.277

Sweetspot

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



74, 35.922, 99.281



97, 13.315, 102.408



58, 32.775, 11.993



52, 8.906, 102.263



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, 35.922, 99.281



93, 52.779, 98.309



75, 42.458, 121.522



40, 5.071, 102.712



58, 62.405, 92.927



10, 15.624, 97.870

Inverse Universe

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



55, 38.528, 289.618



64, 57.883, 291.414



54, 45.903, 306.272



38, 5.148, 284.804



21, 86.976, 303.882



2, 17.545, 287.072

Previews

White Background



This preview shows how the CIELCh color 74, 35.921, 99.277 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, 35.921, 99.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

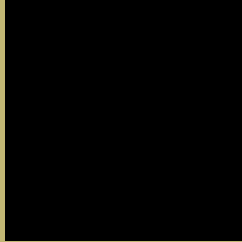
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 35.921, 99.277

Background



This preview shows how black text looks on a background with the CIELCh color 74, 35.921, 99.277.



This preview shows how white text looks on a background with the CIELCh color 74, 35.921, 99.277.

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, 35.921, 99.277

Protanopia

74, 35.810, 95.840

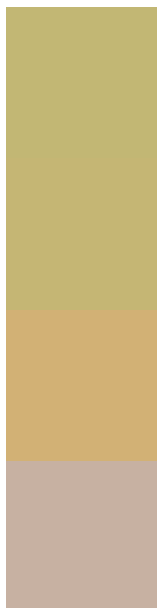
Deuteranopia

74, 36.143, 74.986



Tritanopia
74, 12.943, 344.799

Trichromacy



Original Color
74, 35.921, 99.277

Protanomaly
74, 35.725, 96.509

Deuteranomaly
74, 35.310, 83.501

Tritanomaly
74, 11.886, 62.611

Monochromacy



Original Color
74, 35.921, 99.277

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 13.563, 102.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 35.921, 99.277 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(194, 183, 116)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 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(194, 183, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 35.921, 99.277 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(194, 183, 116) }
```

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

```
.border{ border-color:rgb(194, 183, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 116);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 35.921, 99.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 116) }
```

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

```
.background{ background-color: rgb(194,  
183, 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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