

Converting Colors

CIELCh(74, 31.408, 98.289)

Have a look what the booklet for
CIELCh(74, 31.408, 98.289) contains.

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Color

CIELCh(74, 31.298, 98.738)

Conversions

Conversions Part 1

Format	Color
Hex	C2B77D
RGB	194, 183, 125
RGB Percent	76%, 72%, 49%
CMY	0.2400, 0.2831, 0.5105
CMYK	0.00, 0.06, 0.36, 0.24
HSL	50°, 36%, 62%
HSV	50°, 36%, 76%
XYZ	42.7784, 46.7039, 26.0994
YIQ	179.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

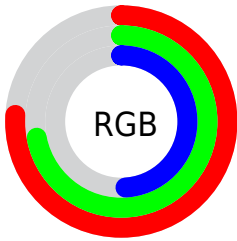
Format	Color
RYB	138, 194, 125
Decimal	12760957
CIELab	74.00, -4.75, 30.93
CIElCh	74, 31.298, 98.738
Yxy	46.7039, 0.3701, 0.4041
Android (android.graphics.Color)	4290951037 (0xFFC2B77D)
YUV	179.6770, -26.9558, 12.5613
Hunter-Lab	68.3403, -7.8613, 25.1952

Details

The CIELCh color **74, 31.298, 98.738** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 33.066, 287.828**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.427, 99.144**, and **54, 31.260, 98.774** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.912, 97.581**, and if you desaturate by 10%, it is **75, 22.530, 99.893**.

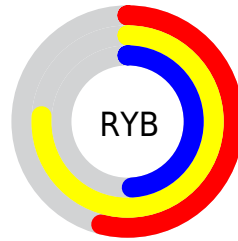
Distribution



Red (76%)

Green (72%)

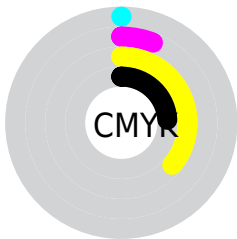
Blue (49%)



Red (54%)

Yellow (76%)

Blue (49%)

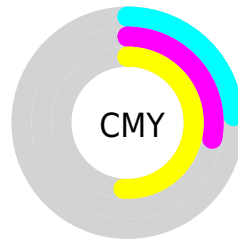


Cyan (0%)

Magenta (6%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 31.298, 98.738 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, 31.298, 98.738 by changing the saturation by 10% instead.

 74, 31.298, 98.738

 74, 31.298, 98.738

 100, 31.298,
98.738

 64, 31.298, 98.738

 94, 31.298, 98.738

 54, 31.298, 98.738

 44, 31.298, 98.738

 34, 31.298, 98.738

 24, 31.298, 98.738

 14, 31.298, 98.738

 4, 31.298, 98.738

 0, 31.298, 98.738

 74, 31.298, 98.738

 74, 31.298, 98.738

73, 39.912, 97.581

75, 22.530, 99.893

72, 48.192, 96.420

76, 13.711,
101.023

71, 55.848, 95.267

78, 4.902, 102.112

70, 62.436, 94.125

79, 3.863, 283.245

69, 67.369, 92.981

80, 12.564,
284.253

68, 70.107, 91.803

68, 70.903, 91.278

82, 21.192,
285.237

83, 26.886,
285.156

84, 25.334,
282.256

85, 23.854,
279.006

Harmonies

Complementary

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



74, 31.298, 98.738



58, 33.066, 287.828

Rectangle

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



74, 31.298, 98.738



74, 31.298, 148.738



74, 31.298, 278.738



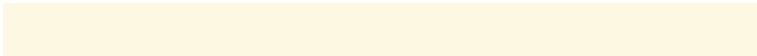
74, 31.298, 328.738

Sweetspot

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



74, 31.299, 98.742



97, 11.973, 101.512



60, 28.753, 9.946



52, 8.114, 101.360



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, 31.299, 98.742



93, 46.710, 97.803



75, 37.575, 121.096



40, 4.975, 101.709



57, 61.775, 91.458



10, 15.267, 96.439

Inverse Universe

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



58, 33.066, 287.828



68, 50.226, 289.426



57, 40.278, 305.377



38, 5.046, 283.835



21, 85.568, 303.403



2, 17.301, 286.480

Previews

White Background



This preview shows how the CIELCh color 74, 31.298, 98.738 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, 31.298, 98.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

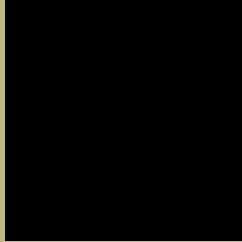
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 31.298, 98.738

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.298, 98.738.



This preview shows how white text looks on a background with the CIELCh color 74, 31.298, 98.738.

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, 31.298, 98.738

Protanopia

74, 31.636, 95.707

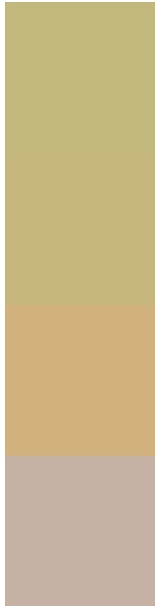
Deuteranopia

74, 31.512, 72.469



Tritanopia
74, 12.017, 344.713

Trichromacy



Original Color
74, 31.298, 98.738

Protanomaly
74, 31.550, 96.455

Deuteranomaly
74, 30.735, 81.464

Tritanomaly
74, 10.520, 61.472

Monochromacy



Original Color
74, 31.298, 98.738

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 11.438, 101.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.298, 98.738 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.298, 98.738 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, 125) }
```

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

```
.border{ border-color:rgb(194, 183, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 125);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.298, 98.738 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, 125) }
```

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

```
.background{ background-color: rgb(194,  
183, 125) }
```

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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