

Converting Colors

CIELCh(74, 38.303, 96.257)

Have a look what the booklet for
CIELCh(74, 38.303, 96.257) contains.

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Color

CIELCh(74, 38.337, 96.247)

Conversions

Conversions Part 1

Format	Color
Hex	C6B66F
RGB	198, 182, 111
RGB Percent	78%, 71%, 44%
CMY	0.2229, 0.2856, 0.5641
CMYK	0.00, 0.08, 0.44, 0.22
HSL	49°, 43%, 61%
HSV	49°, 44%, 78%
XYZ	42.9740, 46.7039, 21.8338
YIQ	178.6900, 32.3270, -18.6890

Conversions

Conversions Part 2

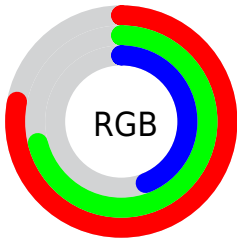
Format	Color
RYB	131, 198, 111
Decimal	13022831
CIELab	74.00, -4.17, 38.11
CIELCh	74, 38.337, 96.247
Yxy	46.7039, 0.3854, 0.4188
Android (android.graphics.Color)	4291212911 (0xFFC6B66F)
YUV	178.6900, -33.3712, 16.9349
Hunter-Lab	68.3403, -7.3505, 28.8958

Details

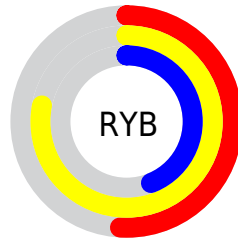
The CIELCh color **74, 38.337, 96.247** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55, 40.889, 288.216**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 38.218, 96.993**, and **54, 38.327, 96.336** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.730, 95.042**, and if you desaturate by 10%, it is **75, 29.680, 97.450**.

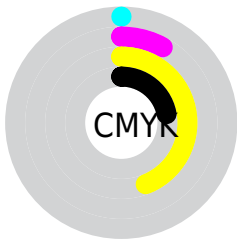
Distribution



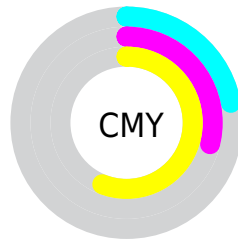
- Red (78%)
- Green (71%)
- Blue (44%)



- Red (51%)
- Yellow (78%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 38.337, 96.247 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, 38.337, 96.247 by changing the saturation by 10% instead.

 74, 38.337, 96.247

 74, 38.337, 96.247

 100, 38.337,
96.247

 64, 38.337, 96.247

 94, 38.337, 96.247

 54, 38.337, 96.247

 44, 38.337, 96.247

 34, 38.337, 96.247

 24, 38.337, 96.247

 14, 38.337, 96.247

 4, 38.337, 96.247

 0, 38.337, 96.247

 74, 38.337, 96.247

 74, 38.337, 96.247

73, 46.730, 95.042

75, 29.680, 97.450

72, 54.592, 93.827

77, 20.916, 98.631

71, 61.500, 92.604

78, 12.136, 99.784

69, 66.867, 91.352

79, 3.392, 100.879

68, 70.071, 90.026

81, 5.288, 282.039

68, 71.180, 89.182

82, 13.890,
283.067

84, 22.408,
284.063

85, 23.259,
281.514

86, 21.556,
277.230

Harmonies

Complementary

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



74, 38.337, 96.247



55, 40.889, 288.216

Rectangle

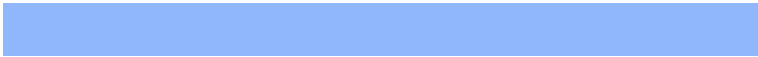
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 38.337, 96.247



74, 38.337, 146.247



74, 38.337, 276.247



74, 38.337, 326.247

Sweetspot

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



74, 38.338, 96.251



98, 13.916, 99.865



57, 36.750, 8.901



52, 9.745, 99.611



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, 38.338, 96.251



91, 56.384, 95.056



76, 46.525, 119.298



41, 4.954, 100.292



57, 61.706, 89.402



11, 16.337, 93.804

Inverse Universe

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



55, 40.889, 288.216



63, 61.620, 290.487



53, 51.096, 305.023



39, 5.016, 282.471



22, 84.579, 302.713



2, 18.771, 286.525

Previews

White Background



This preview shows how the CIELCh color 74, 38.337, 96.247 looks on a white background.

Color Contrast Check

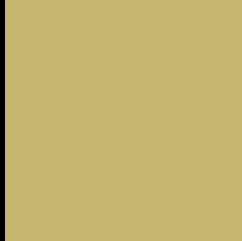
Large Text (above 18pt) WCAG AA × Fail

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, 38.337, 96.247 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, 38.337, 96.247

Background



This preview shows how black text looks on a background with the CIELCh color 74, 38.337, 96.247.



This preview shows how white text looks on a background with the CIELCh color 74, 38.337, 96.247.

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, 38.337, 96.247

Protanopia

74, 38.423, 95.620

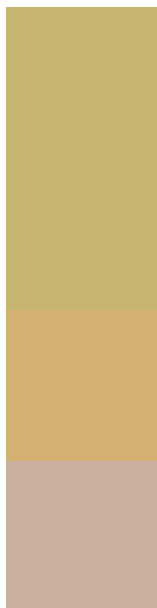
Deuteranopia

74, 38.700, 96.115



Tritanopia
74, 14.530, 349.398

Trichromacy



Original Color
74, 38.337, 96.247

Protanomaly
74, 38.423, 95.620

Deuteranomaly
74, 38.112, 83.500

Tritanomaly
74, 14.175, 60.125

Monochromacy



Original Color
74, 38.337, 96.247

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 14.220, 99.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 38.337, 96.247 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 38.337, 96.247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

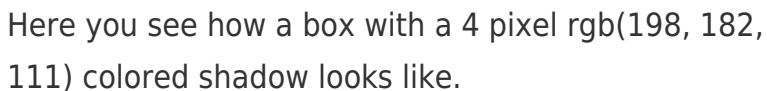
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 182, 111) }
```

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

```
.border{ border-color:rgb(198, 182, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 182, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 182, 111);  
box-shadow:4px 4px 4px 4px rgb(198, 182,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 38.337, 96.247 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, 111) }
```

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

```
.background{ background-color: rgb(198,  
182, 111) }
```

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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