

Converting Colors

CIELCh(75, 38.913, 99.613)

Have a look what the booklet for
CIELCh(75, 38.913, 99.613) contains.

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Color

CIELCh(75, 38.869, 99.573)

Conversions

Conversions Part 1

Format	Color
Hex	C5BA71
RGB	197, 186, 113
RGB Percent	77%, 73%, 44%
CMY	0.2268, 0.2699, 0.5562
CMYK	0.00, 0.06, 0.43, 0.23
HSL	52°, 42%, 61%
HSV	52°, 43%, 77%
XYZ	43.6554, 48.2781, 22.6872
YIQ	180.9670, 29.9890, -20.3710

Conversions

Conversions Part 2

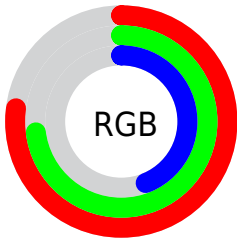
Format	Color
RYB	126, 197, 113
Decimal	12958321
CIELab	75.00, -6.46, 38.33
CIELCh	75, 38.869, 99.573
Yxy	48.2781, 0.3809, 0.4212
Android (android.graphics.Color)	4291148401 (0xFFC5BA71)
YUV	180.9670, -33.5077, 14.0609
Hunter-Lab	69.4824, -9.4437, 29.2785

Details

The CIELCh color **75, 38.869, 99.573** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54, 42.072, 290.596**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 38.828, 99.525**, and **55, 38.927, 99.274** is the 20% darker color. If you saturate the color by 10%, you get **74, 47.533, 98.465**, and if you desaturate by 10%, it is **76, 29.890, 100.695**.

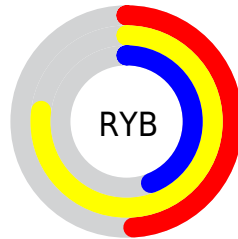
Distribution



Red (77%)

Green (73%)

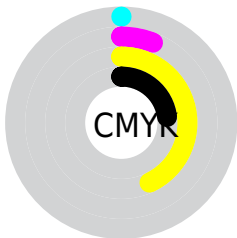
Blue (44%)



Red (49%)

Yellow (77%)

Blue (44%)

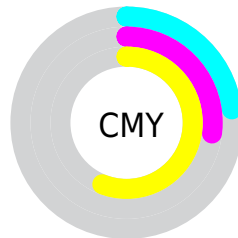


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.869, 99.573 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 75, 38.869, 99.573 by changing the saturation by 10% instead.

 75, 38.869, 99.573

 75, 38.869, 99.573

 100, 38.869,
99.573

 65, 38.869, 99.573

 95, 38.869, 99.573

 55, 38.869, 99.573

 45, 38.869, 99.573

 35, 38.869, 99.573

 25, 38.869, 99.573

 15, 38.869, 99.573

 5, 38.869, 99.573

 0, 38.869, 99.573

 75, 38.869, 99.573

 75, 38.869, 99.573

74, 47.533, 98.465

76, 29.890,
100.695

73, 55.610, 97.374

77, 20.756,
101.807

72, 62.695, 96.316

72, 68.231, 95.294

78, 11.568,
102.899

71, 71.649, 94.297

79, 2.382, 103.931

70, 72.983, 93.563

80, 6.767, 285.037

82, 15.859,
286.026

83, 24.883,
286.980

84, 25.542,
285.302

84, 24.242,
282.782

Harmonies

Complementary

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



75, 38.869, 99.573



54, 42.072, 290.596

Rectangle

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



75, 38.869, 99.573



75, 38.869, 149.573



75, 38.869, 279.573



75, 38.869, 329.573

Sweetspot

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



75, 38.870, 99.577



98, 14.697, 102.836



57, 35.368, 13.716



52, 10.287, 102.593



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 38.870, 99.577



93, 56.836, 98.557



76, 45.644, 122.062



41, 5.236, 103.244



59, 63.497, 93.705



12, 17.395, 97.953

Inverse Universe

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



54, 42.072, 290.596



62, 63.143, 292.577



54, 49.517, 306.988



39, 5.319, 285.325



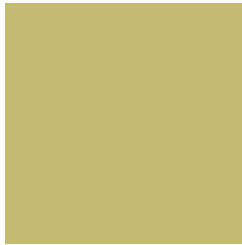
21, 88.808, 304.149



2, 19.542, 288.178

Previews

White Background



This preview shows how the CIELCh color 75, 38.869, 99.573 looks on a white background.

Color Contrast Check

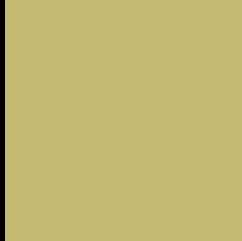
Large Text (above 18pt) WCAG AA × Fail

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 75, 38.869, 99.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

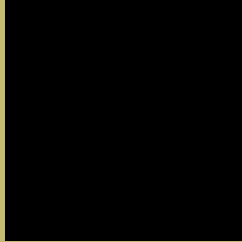
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 38.869, 99.573

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.869, 99.573.



This preview shows how white text looks on a background with the CIELCh color 75, 38.869, 99.573.

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

75, 38.869, 99.573

Protanopia

75, 38.827, 95.774

Deuteranopia

75, 38.854, 75.641



Tritanopia
75, 13.210, 345.780

Trichromacy



Original Color
75, 38.869, 99.573

Protanomaly
75, 38.663, 97.014

Deuteranomaly
75, 38.297, 84.401

Tritanomaly
75, 12.914, 64.733

Monochromacy



Original Color
75, 38.869, 99.573

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.603, 102.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.869, 99.573 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(197, 186, 113)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 113)  
}
```

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(197, 186, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.869, 99.573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

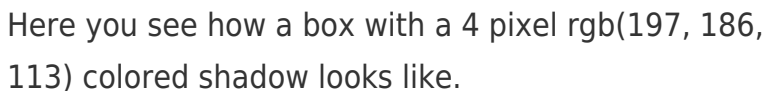
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 186, 113) }
```

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

```
.border{ border-color:rgb(197, 186, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 186, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 186, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 186, 113); box-shadow:4px 4px 4px 4px rgb(197, 186, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.869, 99.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 113) }
```

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

```
.background{ background-color: rgb(197,  
186, 113) }
```

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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