

Converting Colors

CIELCh(73, 39.589, 75.774)

Have a look what the booklet for
CIELCh(73, 39.589, 75.774) contains.

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Color

CIELCh(73, 39.543, 75.805)

Conversions

Conversions Part 1

Format	Color
Hex	DAAB6D
RGB	218, 171, 109
RGB Percent	85%, 67%, 43%
CMY	0.1449, 0.3292, 0.5724
CMYK	0.00, 0.22, 0.50, 0.14
HSL	34°, 60%, 64%
HSV	34°, 50%, 86%
XYZ	46.2656, 45.1644, 20.7606
YIQ	177.9850, 47.9140, -9.3180

Conversions

Conversions Part 2

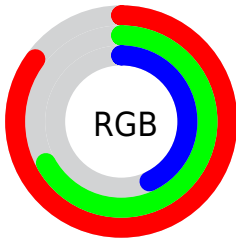
Format	Color
RYB	192, 218, 109
Decimal	14330733
CIELab	73.00, 9.70, 38.34
CIELCh	73, 39.543, 75.805
Yxy	45.1644, 0.4124, 0.4026
Android (android.graphics.Color)	4292520813 (0xFFDAAB6D)
YUV	177.9850, -34.0096, 35.0932
Hunter-Lab	67.2044, 5.2771, 28.7274

Details

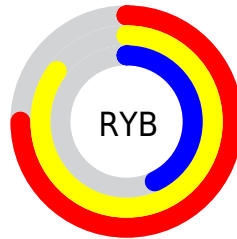
The CIELCh color **73, 39.543, 75.805** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 36.448, 272.048**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 35.464, 88.275**, and **53, 39.502, 75.554** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.029, 74.358**, and if you desaturate by 10%, it is **76, 31.145, 77.208**.

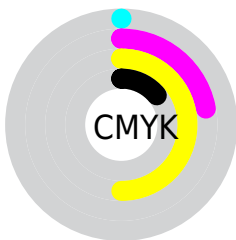
Distribution



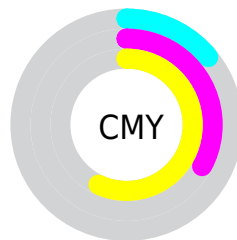
- Red (85%)
- Green (67%)
- Blue (43%)



- Red (75%)
- Yellow (85%)
- Blue (43%)



- Cyan (0%)
- Magenta (22%)
- Yellow (50%)
- Black (14%)



- Cyan (14%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 39.543, 75.805 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 73, 39.543, 75.805 by changing the saturation by 10% instead.

73, 39.543, 75.805

73, 39.543, 75.805

100, 39.543,
75.805

63, 39.543, 75.805

93, 39.543, 75.805

53, 39.543, 75.805

43, 39.543, 75.805

33, 39.543, 75.805

23, 39.543, 75.805

13, 39.543, 75.805

3, 39.543, 75.805

0, 39.543, 75.805

73, 39.543, 75.805

73, 39.543, 75.805

70, 48.029, 74.358

76, 31.145, 77.208

68, 56.338, 72.806

78, 22.959, 78.571

66, 63.964, 71.046

81, 15.033, 79.900

63, 70.069, 68.867

84, 7.378, 81.180

61, 74.117, 66.128

87, 0.017, 282.779

61, 74.121, 66.125

90, 7.166, 263.759

93, 11.160,
256.431

95, 10.388,
224.561

97, 12.431,
198.675

Harmonies

Complementary

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



73, 39.543, 75.805



63, 36.448, 272.048

Rectangle

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



73, 39.543, 75.805



73, 39.543, 125.805



73, 39.543, 255.805



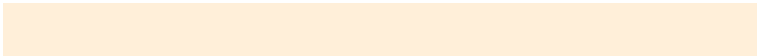
73, 39.543, 305.805

Sweetspot

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



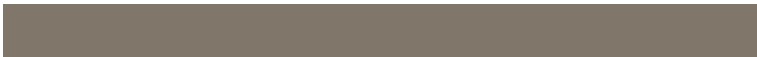
73, 39.543, 75.810



95, 12.696, 80.530



60, 48.196, 353.309



50, 8.695, 80.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 39.543, 75.810



81, 54.567, 74.278



85, 55.111, 108.572



45, 4.208, 81.248



49, 62.370, 66.726



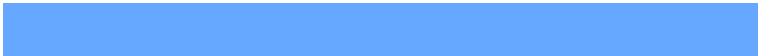
11, 18.561, 67.782

Inverse Universe

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



63, 36.448, 272.048



68, 49.684, 275.227



52, 63.208, 299.174



44, 4.157, 263.799



34, 61.520, 289.907



6, 20.058, 279.686

Previews

White Background



This preview shows how the CIELCh color 73, 39.543, 75.805 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 73, 39.543, 75.805 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 73, 39.543, 75.805

Background



This preview shows how black text looks on a background with the CIELCh color 73, 39.543, 75.805.



This preview shows how white text looks on a background with the CIELCh color 73, 39.543, 75.805.

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

73, 39.543, 75.805

Protanopia

73, 36.504, 95.197

Deuteranopia

73, 39.299, 76.333



Tritanopia
73, 24.436, 6.460

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 39.543, 75.805 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(218, 171, 109)` looks like.

```
.text, #text, p{  
    color:rgb(218, 171, 109)  
}
```

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(218, 171, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 171, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 39.543, 75.805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

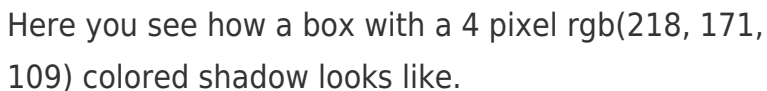
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 171, 109) }
```

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

```
.border{ border-color:rgb(218, 171, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 171, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 171, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 171, 109); box-shadow:4px 4px 4px 4px rgb(218, 171, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 39.543, 75.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 171, 109) }
```

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

```
.background{ background-color: rgb(218,  
171, 109) }
```

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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