

Converting Colors

CIELCh(73, 39.941, 75.537)

Have a look what the booklet for
CIELCh(73, 39.941, 75.537) contains.

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Color

CIELCh(73, 40.250, 75.589)

Conversions

Conversions Part 1

Format	Color
Hex	DBAB6C
RGB	219, 171, 108
RGB Percent	86%, 67%, 42%
CMY	0.1420, 0.3301, 0.5771
CMYK	0.00, 0.22, 0.51, 0.14
HSL	34°, 61%, 64%
HSV	34°, 51%, 86%
XYZ	46.3788, 45.1644, 20.4120
YIQ	178.1700, 48.8310, -9.4170

Conversions

Conversions Part 2

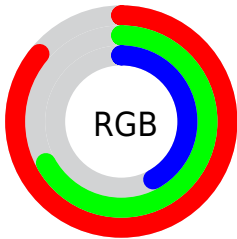
Format	Color
R _Y B	193, 219, 108
Decimal	14396268
CIE Lab	73.00, 10.02, 38.98
CIE LCh	73, 40.250, 75.589
Yxy	45.1644, 0.4143, 0.4034
Android (android.graphics.Color)	4292586348 (0xFFDBAB6C)
YUV	178.1700, -34.5938, 35.8079
Hunter-Lab	67.2044, 5.5777, 29.0350

Details

The CIELCh color **73, 40.250, 75.589** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 37.021, 272.143**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 35.946, 88.477**, and **53, 39.970, 75.833** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.760, 74.138**, and if you desaturate by 10%, it is **76, 31.817, 76.994**.

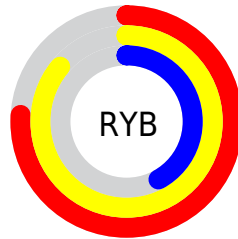
Distribution



Red (86%)

Green (67%)

Blue (42%)



Red (76%)

Yellow (86%)

Blue (42%)

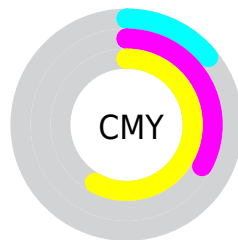


Cyan (0%)

Magenta (22%)

Yellow (51%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 40.250, 75.589 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, 40.250, 75.589 by changing the saturation by 10% instead.

73, 40.250, 75.589

73, 40.250, 75.589

100, 40.250,
75.589

63, 40.250, 75.589

93, 40.250, 75.589

53, 40.250, 75.589

43, 40.250, 75.589

33, 40.250, 75.589

23, 40.250, 75.589

13, 40.250, 75.589

3, 40.250, 75.589

0, 40.250, 75.589

73, 40.250, 75.589

73, 40.250, 75.589

70, 48.760, 74.138

76, 31.817, 76.994

68, 57.068, 72.577

78, 23.593, 78.359

65, 64.644, 70.795

81, 15.630, 79.690

63, 70.625, 68.573

84, 7.941, 80.974

61, 74.335, 66.010

87, 0.515, 81.631

90, 6.664, 263.561

93, 10.986,
256.982

95, 10.192,
224.360

98, 12.191,
198.691

Harmonies

Complementary

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



73, 40.250, 75.589



63, 37.021, 272.143

Rectangle

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



73, 40.250, 75.589



73, 40.250, 125.589



73, 40.250, 255.589



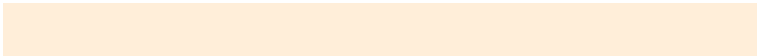
73, 40.250, 305.589

Sweetspot

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



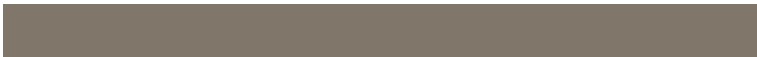
73, 40.250, 75.593



95, 12.684, 80.415



60, 48.988, 353.437



50, 8.687, 80.141



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, 40.250, 75.593



81, 55.503, 74.017



85, 55.994, 108.517



45, 4.203, 81.133



49, 62.388, 66.620



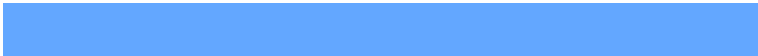
11, 18.554, 67.646

Inverse Universe

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



63, 37.021, 272.143



68, 50.427, 275.447



51, 64.397, 299.303



44, 4.152, 263.684



34, 61.384, 289.814



6, 20.025, 279.600

Previews

White Background



This preview shows how the CIELCh color 73, 40.250, 75.589 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, 40.250, 75.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

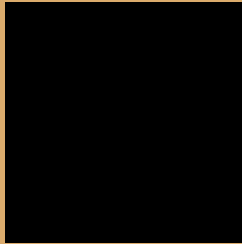
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 40.250, 75.589

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.250, 75.589.



This preview shows how white text looks on a background with the CIELCh color 73, 40.250, 75.589.

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, 40.250, 75.589

Protanopia

73, 37.010, 95.289

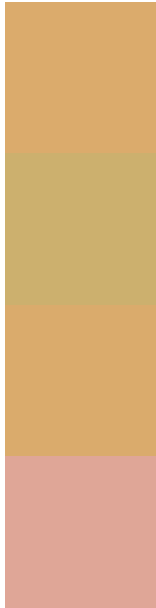
Deuteranopia

73, 40.005, 76.107



Tritanopia
73, 24.816, 6.745

Trichromacy



Original Color
73, 40.250, 75.589

Protanomaly
73, 37.454, 87.918

Deuteranomaly
73, 40.005, 76.107

Tritanomaly
73, 24.815, 40.084

Monochromacy



Original Color
73, 40.250, 75.589

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 14.412, 78.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.250, 75.589 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(219, 171, 108)` looks like.

```
.text, #text, p{  
    color:rgb(219, 171, 108)  
}
```

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(219, 171, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 171, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.250, 75.589 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(219, 171, 108) }
```

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

```
.border{ border-color:rgb(219, 171, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 171, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 171, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 171, 108);  
box-shadow:4px 4px 4px 4px rgb(219, 171,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.250, 75.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 171, 108) }
```

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

```
.background{ background-color: rgb(219,  
171, 108) }
```

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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