

Converting Colors

CIELCh(73, 42.089, 78.002)

Have a look what the booklet for
CIELCh(73, 42.089, 78.002) contains.

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Color

CIELCh(73, 42.043, 78.034)

Conversions

Conversions Part 1

Format	Color
Hex	DAAC68
RGB	218, 172, 104
RGB Percent	85%, 67%, 41%
CMY	0.1470, 0.3272, 0.5938
CMYK	0.00, 0.21, 0.52, 0.15
HSL	36°, 60%, 63%
HSV	36°, 52%, 85%
XYZ	45.9206, 45.1644, 19.2854
YIQ	178.0020, 49.2440, -11.3960

Conversions

Conversions Part 2

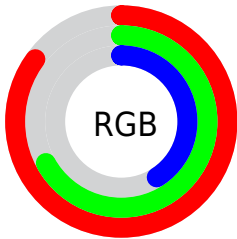
Format	Color
R_{YB}	181, 218, 104
Decimal	14330984
CIE _{Lab}	73.00, 8.72, 41.13
CIE _{LCh}	73, 42.043, 78.034
Yxy	45.1644, 0.4161, 0.4092
Android (android.graphics.Color)	4292521064 (0xFFDAAC68)
YUV	178.0020, -36.4830, 35.0782
Hunter-Lab	67.2044, 4.3608, 30.0289

Details

The CIELCh color **73, 42.043, 78.034** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 39.612, 275.268**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 38.196, 89.987**, and **53, 41.735, 78.262** is the 20% darker color. If you saturate the color by 10%, you get **71, 50.450, 76.545**, and if you desaturate by 10%, it is **76, 33.610, 79.468**.

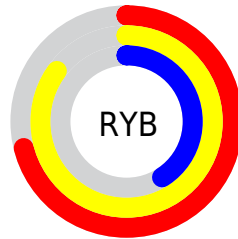
Distribution



Red (85%)

Green (67%)

Blue (41%)



Red (71%)

Yellow (85%)

Blue (41%)

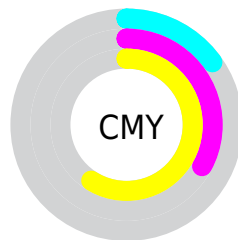


Cyan (0%)

Magenta (21%)

Yellow (52%)

Black (15%)



Cyan (15%)

Magenta (33%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.043, 78.034 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, 42.043, 78.034 by changing the saturation by 10% instead.

 73, 42.043, 78.034

 73, 42.043, 78.034

 100, 42.043,
78.034

 63, 42.043, 78.034

 93, 42.043, 78.034

 53, 42.043, 78.034

 43, 42.043, 78.034

 33, 42.043, 78.034

 23, 42.043, 78.034

 13, 42.043, 78.034

 3, 42.043, 78.034

 0, 42.043, 78.034

 73, 42.043, 78.034

 73, 42.043, 78.034

71, 50.450, 76.545

76, 33.610, 79.468

68, 58.501, 74.932

78, 25.313, 80.854

66, 65.605, 73.081

81, 17.228, 82.203

64, 70.873, 70.777

83, 9.379, 83.506

62, 73.536, 68.686

86, 1.767, 84.640

89, 5.620, 266.104

92, 12.397,
266.354

94, 10.480,
239.736

96, 11.273,
210.522

Harmonies

Complementary

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



73, 42.043, 78.034



61, 39.612, 275.268

Rectangle

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



73, 42.043, 78.034



73, 42.043, 128.034



73, 42.043, 258.034



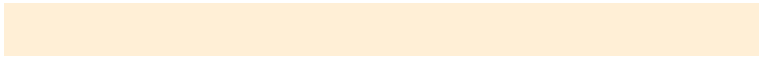
73, 42.043, 308.034

Sweetspot

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



73, 42.043, 78.038



95, 13.877, 83.022



59, 49.893, 354.857



50, 9.400, 82.751



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, 42.043, 78.038



81, 57.992, 76.361



84, 57.427, 109.179



45, 4.309, 83.875



50, 62.029, 69.256



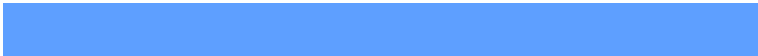
12, 18.753, 70.956

Inverse Universe

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



61, 39.612, 275.268



65, 54.427, 278.718



50, 66.380, 300.009



43, 4.273, 266.418



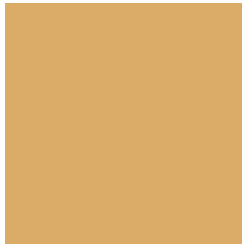
33, 64.735, 291.985



6, 20.820, 281.574

Previews

White Background



This preview shows how the CIELCh color 73, 42.043, 78.034 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, 42.043, 78.034 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, 42.043, 78.034

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.043, 78.034.



This preview shows how white text looks on a background with the CIELCh color 73, 42.043, 78.034.

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, 42.043, 78.034

Protanopia

73, 39.525, 95.695

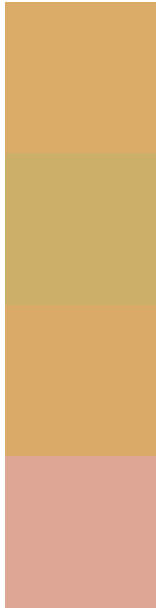
Deuteranopia

73, 41.858, 77.232



Tritanopia
73, 24.436, 6.460

Trichromacy



Original Color
73, 42.043, 78.034

Protanomaly
73, 39.920, 88.744

Deuteranomaly
73, 41.858, 77.232

Tritanomaly
73, 24.913, 42.568

Monochromacy



Original Color
73, 42.043, 78.034

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 14.985, 83.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.043, 78.034 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, 172, 104)` looks like.

```
.text, #text, p{  
    color:rgb(218, 172, 104)  
}
```

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, 172, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 172, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.043, 78.034 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, 172, 104) }
```

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

```
.border{ border-color:rgb(218, 172, 104) }
```

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

Here you see how a box with a 4 pixel rgb(218, 172, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 172, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 172, 104);  
box-shadow:4px 4px 4px 4px rgb(218, 172,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.043, 78.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 172, 104) }
```

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

```
.background{ background-color: rgb(218,  
172, 104) }
```

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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