

Converting Colors

CIELCh(73, 42.832, 77.716)

Have a look what the booklet for
CIELCh(73, 42.832, 77.716) contains.

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Color

CIELCh(73, 42.785, 77.749)

Conversions

Conversions Part 1

Format	Color
Hex	DAAB66
RGB	218, 171, 102
RGB Percent	85%, 67%, 40%
CMY	0.1438, 0.3282, 0.5989
CMYK	0.00, 0.22, 0.53, 0.14
HSL	36°, 61%, 63%
HSV	36°, 53%, 86%
XYZ	46.0478, 45.1644, 18.9366
YIQ	177.1870, 50.1610, -11.4950

Conversions

Conversions Part 2

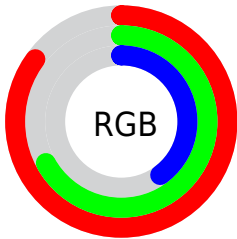
Format	Color
RYB	181, 218, 102
Decimal	14330726
CIELab	73.00, 9.08, 41.81
CIELCh	73, 42.785, 77.749
Yxy	45.1644, 0.4181, 0.4100
Android (android.graphics.Color)	4292520806 (0xFFDAAB66)
YUV	177.1870, -37.0672, 35.7930
Hunter-Lab	67.2044, 4.6987, 30.3366

Details

The CIELCh color **73, 42.785, 77.749** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 40.221, 275.327**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 38.841, 89.555**, and **53, 42.487, 77.872** is the 20% darker color. If you saturate the color by 10%, you get **71, 51.207, 76.254**, and if you desaturate by 10%, it is **76, 34.322, 79.186**.

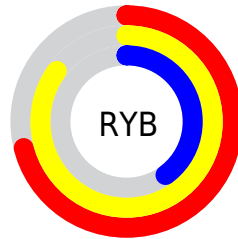
Distribution



Red (85%)

Green (67%)

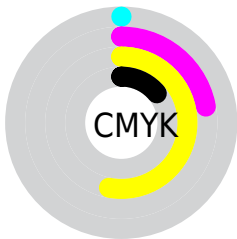
Blue (40%)



Red (71%)

Yellow (85%)

Blue (40%)

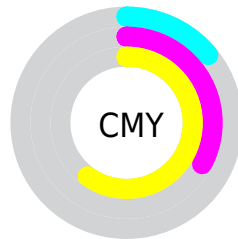


Cyan (0%)

Magenta (22%)

Yellow (53%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.785, 77.749 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, 42.785, 77.749 by changing the saturation by 10% instead.

73, 42.785, 77.749

73, 42.785, 77.749

100, 42.785,
77.749

63, 42.785, 77.749

93, 42.785, 77.749

53, 42.785, 77.749

43, 42.785, 77.749

33, 42.785, 77.749

23, 42.785, 77.749

13, 42.785, 77.749

3, 42.785, 77.749

0, 42.785, 77.749

73, 42.785, 77.749

73, 42.785, 77.749

71, 51.207, 76.254

76, 34.322, 79.186

68, 59.243, 74.628

78, 25.991, 80.575

66, 66.274, 72.750

81, 17.872, 81.927

64, 71.393, 70.395

84, 9.991, 83.234

62, 73.767, 68.503

86, 2.349, 84.413

89, 5.063, 265.845

92, 12.205,
266.860

94, 10.257,
239.548

96, 11.115,
209.607

Harmonies

Complementary

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



73, 42.785, 77.749



61, 40.221, 275.327

Rectangle

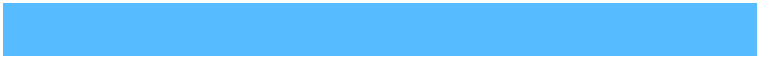
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 42.785, 77.749



73, 42.785, 127.749



73, 42.785, 257.749



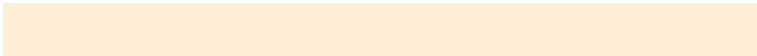
73, 42.785, 307.749

Sweetspot

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



73, 42.785, 77.753



95, 13.855, 82.849



59, 50.724, 355.004



50, 9.385, 82.578



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, 42.785, 77.753



81, 58.888, 76.034



84, 58.359, 109.124



45, 4.302, 83.702



50, 62.047, 69.084



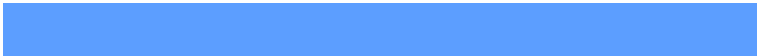
12, 18.738, 70.744

Inverse Universe

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



61, 40.221, 275.327



65, 55.157, 278.893



50, 67.657, 300.143



43, 4.265, 266.246



33, 64.517, 291.851



6, 20.769, 281.454

Previews

White Background



This preview shows how the CIELCh color 73, 42.785, 77.749 looks on a white background.

Color Contrast Check

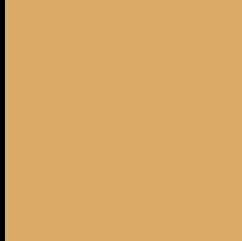
Large Text (above 18pt) WCAG AA × Fail

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, 42.785, 77.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

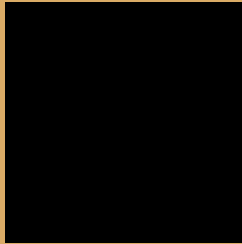
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 42.785, 77.749

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.785, 77.749.



This preview shows how white text looks on a background with the CIELCh color 73, 42.785, 77.749.

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, 42.785, 77.749

Protanopia

73, 40.491, 95.860

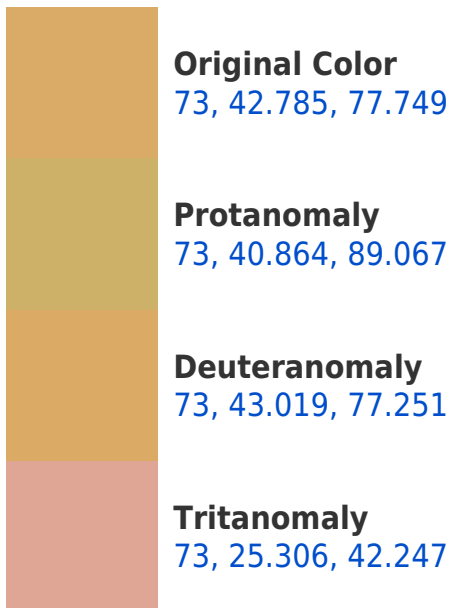
Deuteranopia

73, 43.019, 77.251



Tritanopia
73, 24.816, 6.745

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.785, 77.749 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(218, 171, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 171, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.785, 77.749 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, 102) }
```

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

```
.border{ border-color:rgb(218, 171, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 171, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 171, 102);  
box-shadow:4px 4px 4px 4px rgb(218, 171,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.785, 77.749 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, 102) }
```

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

```
.background{ background-color: rgb(218,  
171, 102) }
```

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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