

Converting Colors

CIELCh(73, 49.490, 74.055)

Have a look what the booklet for
CIELCh(73, 49.490, 74.055) contains.

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Color

CIELCh(73, 49.514, 74.101)

Conversions

Conversions Part 1

Format	Color
Hex	E3A85B
RGB	227, 168, 91
RGB Percent	89%, 66%, 36%
CMY	0.1092, 0.3406, 0.6427
CMYK	0.00, 0.26, 0.60, 0.11
HSL	34°, 71%, 62%
HSV	34°, 60%, 89%
XYZ	47.6437, 45.1644, 16.1316
YIQ	176.8630, 59.8810, -11.4390

Conversions

Conversions Part 2

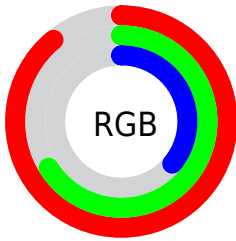
Format	Color
RYB	195, 227, 91
Decimal	14919771
CIELab	73.00, 13.56, 47.62
CIELCh	73, 49.514, 74.101
Yxy	45.1644, 0.4373, 0.4146
Android (android.graphics.Color)	4293109851 (0xFFE3A85B)
YUV	176.8630, -42.3305, 43.9701
Hunter-Lab	67.2044, 8.9375, 32.8113

Details

The CIELCh color **73, 49.514, 74.101** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **61, 44.967, 274.815**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 43.180, 89.073**, and **53, 49.375, 74.055** is the 20% darker color. If you saturate the color by 10%, you get **70, 58.113, 72.552**, and if you desaturate by 10%, it is **76, 40.738, 75.557**.

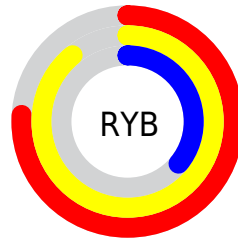
Distribution



Red (89%)

Green (66%)

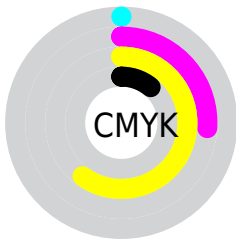
Blue (36%)



Red (76%)

Yellow (89%)

Blue (36%)

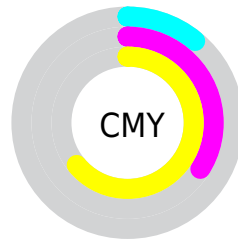


Cyan (0%)

Magenta (26%)

Yellow (60%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 49.514, 74.101 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, 49.514, 74.101 by changing the saturation by 10% instead.

73, 49.514, 74.101

73, 49.514, 74.101

100, 49.514,
74.101

63, 49.514, 74.101

93, 49.514, 74.101

53, 49.514, 74.101

43, 49.514, 74.101

33, 49.514, 74.101

23, 49.514, 74.101

13, 49.514, 74.101

3, 49.514, 74.101

0, 49.514, 74.101

73, 49.514, 74.101

73, 49.514, 74.101

70, 58.113, 72.552

76, 40.738, 75.557

68, 66.010, 70.788

78, 32.059, 76.956

66, 72.330, 68.600

81, 23.604, 78.320

63, 76.462, 65.820

84, 15.423, 79.650

63, 76.509, 65.788

87, 7.527, 80.931

90, 0.097, 265.830

93, 7.466, 263.516

96, 7.813, 230.986

98, 9.467, 198.877

Harmonies

Complementary

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



73, 49.514, 74.101



61, 44.967, 274.815

Rectangle

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



73, 49.514, 74.101



73, 49.514, 124.101



73, 49.514, 254.101



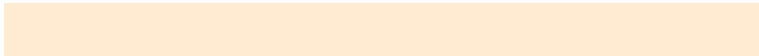
73, 49.514, 304.101

Sweetspot

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



73, 49.514, 74.105



94, 15.287, 79.881



58, 58.951, 354.065



49, 10.680, 79.498



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, 49.514, 74.105



78, 65.750, 72.124



88, 66.714, 107.062



47, 4.359, 80.983



51, 63.779, 66.403



13, 21.118, 67.907

Inverse Universe

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



61, 44.967, 274.815



62, 59.484, 279.238



47, 79.668, 300.649



46, 4.304, 263.547



35, 62.685, 289.793



7, 22.130, 281.634

Previews

White Background



This preview shows how the CIELCh color 73, 49.514, 74.101 looks on a white background.

Color Contrast Check

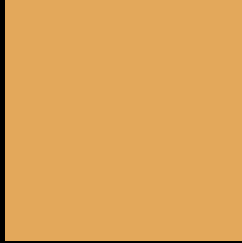
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 49.514, 74.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

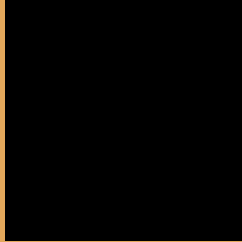
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 49.514, 74.101

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.514, 74.101.

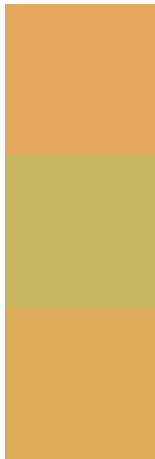


This preview shows how white text looks on a background with the CIELCh color 73, 49.514, 74.101.

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, 49.514, 74.101

Protanopia

73, 45.488, 95.857

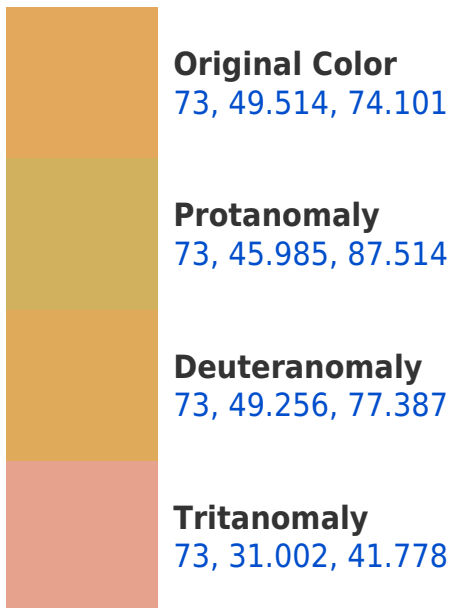
Deuteranopia

73, 48.968, 78.951



Tritanopia
73, 29.557, 9.749

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.514, 74.101 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(227, 168, 91)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 91)  
}
```

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(227, 168, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.514, 74.101 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(227, 168, 91) }
```

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

```
.border{ border-color:rgb(227, 168, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 168, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 168, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 168, 91);  
box-shadow:4px 4px 4px 4px rgb(227, 168,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.514, 74.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 91) }
```

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

```
.background{ background-color: rgb(227,  
168, 91) }
```

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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