

Converting Colors

CIELCh(73, 43.334, 69.657)

Have a look what the booklet for
CIELCh(73, 43.334, 69.657) contains.

CIELCh(73, 43.237, 69.445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(73, 43.237, 69.445)

Conversions

Conversions Part 1

Format	Color
Hex	E3A769
RGB	227, 167, 105
RGB Percent	89%, 65%, 41%
CMY	0.1085, 0.3439, 0.5871
CMYK	0.00, 0.26, 0.54, 0.11
HSL	30°, 69%, 65%
HSV	30°, 54%, 89%
XYZ	48.2279, 45.1644, 19.6196
YIQ	177.8720, 55.6620, -6.5620

Conversions

Conversions Part 2

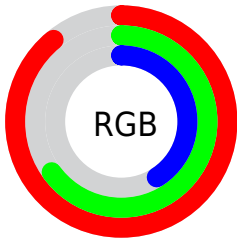
Format	Color
R_{YB}	223, 227, 105
Decimal	14919529
CIE _{Lab}	73.00, 15.18, 40.48
CIE _{LCh}	73, 43.237, 69.445
Yxy	45.1644, 0.4268, 0.3996
Android (android.graphics.Color)	4293109609 (0xFFE3A769)
YUV	177.8720, -35.9259, 43.0853
Hunter-Lab	67.2044, 10.4892, 29.7341

Details

The CIELCh color **73, 43.237, 69.445** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 37.274, 266.964**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 36.189, 85.780**, and **53, 43.241, 69.140** is the 20% darker color. If you saturate the color by 10%, you get **70, 52.187, 68.091**, and if you desaturate by 10%, it is **76, 34.450, 70.760**.

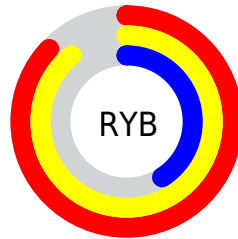
Distribution



Red (89%)

Green (65%)

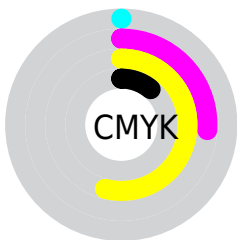
Blue (41%)



Red (87%)

Yellow (89%)

Blue (41%)

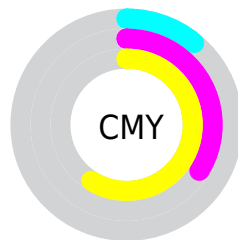


Cyan (0%)

Magenta (26%)

Yellow (54%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 43.237, 69.445 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, 43.237, 69.445 by changing the saturation by 10% instead.

 73, 43.237, 69.445

 73, 43.237, 69.445

 100, 43.237,
69.445

 63, 43.237, 69.445

 93, 43.237, 69.445

 53, 43.237, 69.445

 43, 43.237, 69.445

 33, 43.237, 69.445

 23, 43.237, 69.445

 13, 43.237, 69.445

 3, 43.237, 69.445

 0, 43.237, 69.445

 73, 43.237, 69.445

 73, 43.237, 69.445

70, 52.187, 68.091

76, 34.450, 70.760

67, 60.981, 66.612

79, 25.967, 72.050

65, 68.991, 64.848

82, 17.840, 73.323

62, 75.194, 62.497

86, 10.073, 74.570

61, 78.106, 60.723

89, 2.647, 75.700

93, 4.465, 257.151

96, 7.770, 237.663

98, 9.401, 198.882

Harmonies

Complementary

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



73, 43.237, 69.445



66, 37.274, 266.964

Rectangle

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



73, 43.237, 69.445



73, 43.237, 119.445



73, 43.237, 249.445



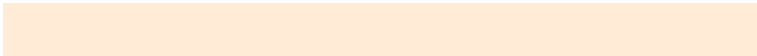
73, 43.237, 299.445

Sweetspot

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



73, 43.237, 69.449



94, 12.999, 74.272



61, 54.893, 349.633



49, 8.818, 74.015



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, 43.237, 69.449



78, 57.621, 67.990



88, 60.683, 105.114



46, 4.172, 75.079



48, 64.980, 61.370



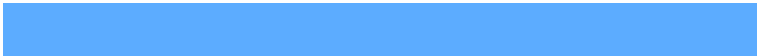
12, 20.927, 61.512

Inverse Universe

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



66, 37.274, 266.964



69, 48.381, 270.489



50, 70.800, 298.296



46, 4.086, 257.600



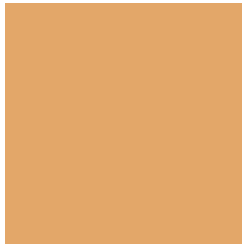
38, 56.030, 284.743



8, 20.061, 276.143

Previews

White Background



This preview shows how the CIELCh color 73, 43.237, 69.445 looks on a white background.

Color Contrast Check

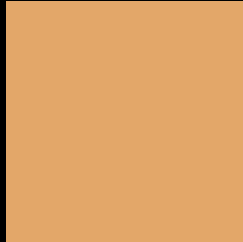
Large Text (above 18pt) WCAG AA × Fail

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, 43.237, 69.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

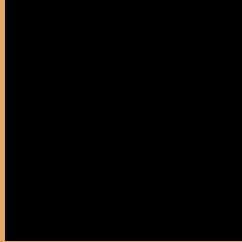
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 43.237, 69.445

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.237, 69.445.

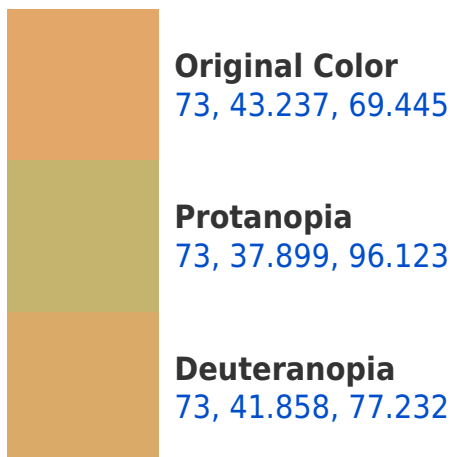


This preview shows how white text looks on a background with the CIELCh color 73, 43.237, 69.445.

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





Tritanopia
73, 29.557, 9.749

Trichromacy



Original Color
73, 43.237, 69.445

Protanomaly
73, 38.627, 85.644

Deuteranomaly
73, 42.422, 74.937

Tritanomaly
73, 29.800, 37.307

Monochromacy



Original Color
73, 43.237, 69.445

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 14.872, 72.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.237, 69.445 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, 167, 105)` looks like.

```
.text, #text, p{  
    color:rgb(227, 167, 105)  
}
```

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, 167, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 167, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.237, 69.445 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, 167, 105) }
```

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

```
.border{ border-color:rgb(227, 167, 105) }
```

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

Here you see how a box with a 4 pixel rgb(227, 167, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 167, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 167, 105);  
box-shadow:4px 4px 4px 4px rgb(227, 167,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.237, 69.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 167, 105) }
```

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

```
.background{ background-color: rgb(227,  
167, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor