

Converting Colors

CIELCh(74, 43.823, 72.826)

Have a look what the booklet for
CIELCh(74, 43.823, 72.826) contains.

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Color

CIELCh(74, 43.674, 72.618)

Conversions

Conversions Part 1

Format	Color
Hex	E3AB69
RGB	227, 171, 105
RGB Percent	89%, 67%, 41%
CMY	0.1081, 0.3278, 0.5868
CMYK	0.00, 0.25, 0.54, 0.11
HSL	32°, 69%, 65%
HSV	32°, 54%, 89%
XYZ	49.0220, 46.7039, 19.8964
YIQ	180.2200, 54.5620, -8.6540

Conversions

Conversions Part 2

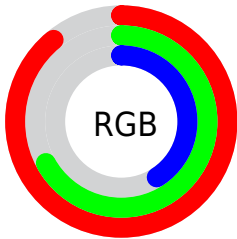
Format	Color
R_{YB}	209, 227, 105
Decimal	14920553
CIE _{Lab}	74.00, 13.05, 41.68
CIE _{LCh}	74, 43.674, 72.618
Yxy	46.7039, 0.4240, 0.4039
Android (android.graphics.Color)	4293110633 (0xFFE3AB69)
YUV	180.2200, -37.0835, 41.0261
Hunter-Lab	68.3403, 8.4465, 30.5766

Details

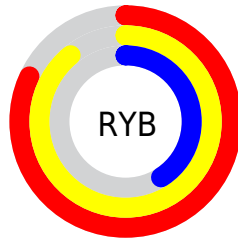
The CIELCh color $74, 43.674, 72.618$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $65, 38.956, 270.410$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 37.394, 89.042$, and $54, 44.001, 72.711$ is the 20% darker color. If you saturate the color by 10%, you get $71, 52.510, 71.182$, and if you desaturate by 10%, it is $77, 34.918, 74.002$.

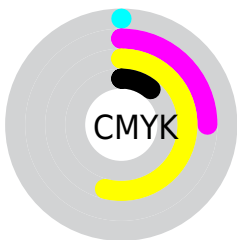
Distribution



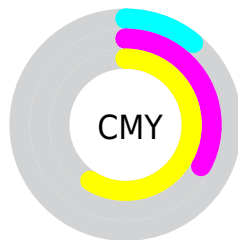
- Red (89%)
- Green (67%)
- Blue (41%)



- Red (82%)
- Yellow (89%)
- Blue (41%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 43.674, 72.618 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 74, 43.674, 72.618 by changing the saturation by 10% instead.

 74, 43.674, 72.618

 74, 43.674, 72.618

 100, 43.674,
72.618

 64, 43.674, 72.618

 94, 43.674, 72.618

 54, 43.674, 72.618

 44, 43.674, 72.618

 34, 43.674, 72.618

 24, 43.674, 72.618

 14, 43.674, 72.618

 4, 43.674, 72.618

 0, 43.674, 72.618

 74, 43.674, 72.618

 74, 43.674, 72.618

71, 52.510, 71.182

77, 34.918, 74.002

69, 61.088, 69.612

80, 26.402, 75.350

66, 68.765, 67.759

83, 18.189, 76.670

64, 74.542, 65.343

86, 10.293, 77.956

62, 77.174, 63.532

89, 2.703, 79.125

92, 4.603, 260.576

95, 7.828, 242.876

98, 9.345, 199.117

98, 9.371, 198.884

Harmonies

Complementary

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



74, 43.674, 72.618



65, 38.956, 270.410

Rectangle

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



74, 43.674, 72.618



74, 43.674, 122.618



74, 43.674, 252.618



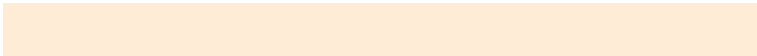
74, 43.674, 302.618

Sweetspot

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



74, 43.674, 72.622



94, 13.286, 77.648



61, 54.026, 351.771



50, 9.008, 77.382



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 43.674, 72.622



79, 57.959, 71.073



88, 60.706, 106.709



47, 4.272, 78.478



49, 64.233, 64.167



13, 21.001, 65.129

Inverse Universe

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



65, 38.956, 270.410



67, 50.816, 273.895



51, 70.753, 299.060



46, 4.204, 261.033



36, 59.746, 287.715



8, 21.227, 279.441

Previews

White Background



This preview shows how the CIELCh color 74, 43.674, 72.618 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 74, 43.674, 72.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

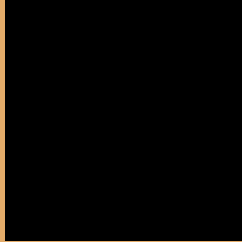
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 43.674, 72.618

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.674, 72.618.



This preview shows how white text looks on a background with the CIELCh color 74, 43.674, 72.618.

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

74, 27.884, 8.787

Trichromacy



Original Color
74, 43.674, 72.618

Protanomaly
74, 39.813, 86.883

Deuteranomaly
74, 43.188, 75.591

Tritanomaly
74, 28.244, 39.072

Monochromacy



Original Color
74, 43.674, 72.618

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.256, 77.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.674, 72.618 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, 171, 105)` looks like.

```
.text, #text, p{  
    color:rgb(227, 171, 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, 171, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 171, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.674, 72.618 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, 171, 105) }
```

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

```
.border{ border-color:rgb(227, 171, 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, 171, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 171, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 171, 105);  
box-shadow:4px 4px 4px 4px rgb(227, 171,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.674, 72.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 171, 105) }
```

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

```
.background{ background-color: rgb(227,  
171, 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](#).

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