

Converting Colors

CIELCh(74, 45.818, 72.160)

Have a look what the booklet for
CIELCh(74, 45.818, 72.160) contains.

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Color

CIELCh(74, 45.818, 72.160)

Conversions

Conversions Part 1

Format	Color
Hex	E6AB66
RGB	230, 171, 102
RGB Percent	90%, 67%, 40%
CMY	0.0996, 0.3308, 0.6013
CMYK	0.00, 0.26, 0.56, 0.10
HSL	32°, 72%, 65%
HSV	32°, 56%, 90%
XYZ	49.3858, 46.7039, 18.8959
YIQ	180.7750, 57.3130, -8.9510

Conversions

Conversions Part 2

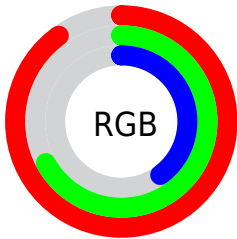
Format	Color
R _Y B	211, 230, 102
Decimal	15117158
CIE Lab	74.00, 14.04, 43.61
CIE LCh	74, 45.818, 72.160
Yxy	46.7039, 0.4295, 0.4062
Android (android.graphics.Color)	4293307238 (0xFFE6AB66)
YUV	180.7750, -38.8361, 43.1703
Hunter-Lab	68.3403, 9.3968, 31.4447

Details

The CIELCh color **74, 45.818, 72.160** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 40.634, 270.869**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 38.841, 89.555**, and **54, 45.891, 72.521** is the 20% darker color. If you saturate the color by 10%, you get **71, 54.711, 70.708**, and if you desaturate by 10%, it is **77, 36.958, 73.551**.

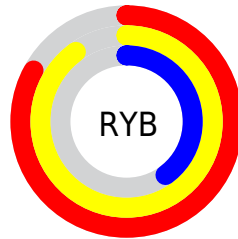
Distribution



Red (90%)

Green (67%)

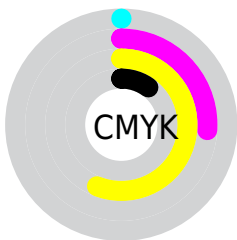
Blue (40%)



Red (83%)

Yellow (90%)

Blue (40%)

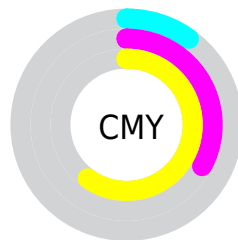


Cyan (0%)

Magenta (26%)

Yellow (56%)

Black (10%)



Cyan (10%)

Magenta (33%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 45.818, 72.160 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, 45.818, 72.160 by changing the saturation by 10% instead.

 74, 45.818, 72.160

 74, 45.818, 72.160

 100, 45.818,
72.160

 64, 45.818, 72.160

 94, 45.818, 72.160

 54, 45.818, 72.160

 44, 45.818, 72.160

 34, 45.818, 72.160

 24, 45.818, 72.160

 14, 45.818, 72.160

 4, 45.818, 72.160

 0, 45.818, 72.160

 74, 45.818, 72.160

 74, 45.818, 72.160

71, 54.711, 70.708

77, 36.958, 73.551

69, 63.245, 69.098

80, 28.320, 74.903

66, 70.690, 67.156

83, 19.982, 76.228

64, 75.998, 64.578

86, 11.966, 77.521

63, 77.782, 63.358

89, 4.264, 78.741

93, 3.145, 260.189

96, 7.290, 245.711

98, 8.651, 198.935

Harmonies

Complementary

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



74, 45.818, 72.160



65, 40.634, 270.869

Rectangle

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



74, 45.818, 72.160



74, 45.818, 122.160



74, 45.818, 252.160



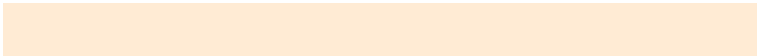
74, 45.818, 302.160

Sweetspot

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



74, 45.818, 72.164



94, 14.129, 77.345



61, 56.289, 352.142



49, 9.489, 77.086



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, 45.818, 72.164



78, 60.809, 70.454



89, 63.230, 106.550



47, 4.266, 78.303



49, 64.269, 64.017



13, 20.995, 64.938

Inverse Universe

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



65, 40.634, 270.869



66, 53.022, 274.801



50, 74.310, 299.473



46, 4.197, 260.857



37, 59.547, 287.567



8, 21.165, 279.279

Previews

White Background



This preview shows how the CIELCh color 74, 45.818, 72.160 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, 45.818, 72.160 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, 45.818, 72.160

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.818, 72.160.



This preview shows how white text looks on a background with the CIELCh color 74, 45.818, 72.160.

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, 29.459, 9.691

Trichromacy



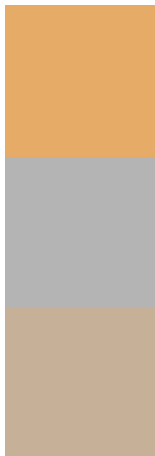
Original Color
74, 45.818, 72.160

Protanomaly
74, 42.078, 86.426

Deuteranomaly
74, 45.255, 76.155

Tritanomaly
74, 30.127, 39.129

Monochromacy



Original Color
74, 45.818, 72.160

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 15.960, 77.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.818, 72.160 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(230, 171, 102)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 171, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 171, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.818, 72.160 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(230, 171, 102) }
```

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

```
.border{ border-color:rgb(230, 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(230, 171, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 171, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 171, 102);  
box-shadow:4px 4px 4px 4px rgb(230, 171,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.818, 72.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 171, 102) }
```

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

```
.background{ background-color: rgb(230,  
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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