

Converting Colors

CIELCh(74, 44.604, 64.386)

Have a look what the booklet for
CIELCh(74, 44.604, 64.386) contains.

CIELCh(74, 44.608, 63.954)	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(74, 44.608, 63.954)

Conversions

Conversions Part 1

Format	Color
Hex	EDA76D
RGB	237, 167, 109
RGB Percent	93%, 65%, 43%
CMY	0.0709, 0.3454, 0.5728
CMYK	0.00, 0.30, 0.54, 0.07
HSL	27°, 78%, 68%
HSV	27°, 54%, 93%
XYZ	51.4599, 46.7039, 20.7509
YIQ	181.3180, 60.3380, -3.1980

Conversions

Conversions Part 2

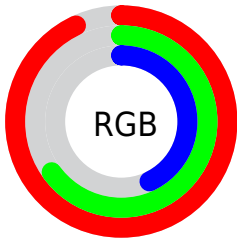
Format	Color
RYB	237, 215, 109
Decimal	15574893
CIELab	74.00, 19.59, 40.08
CIELCh	74, 44.608, 63.954
Yxy	46.7039, 0.4327, 0.3928
Android (android.graphics.Color)	4293764973 (0xFFEDA76D)
YUV	181.3180, -35.6528, 48.8331
Hunter-Lab	68.3403, 14.8142, 29.8354

Details

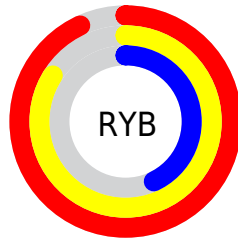
The CIELCh color **74, 44.608, 63.954** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 36.162, 260.691**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 34.282, 84.800**, and **54, 44.504, 63.896** is the 20% darker color. If you saturate the color by 10%, you get **71, 54.118, 62.804**, and if you desaturate by 10%, it is **77, 35.390, 65.093**.

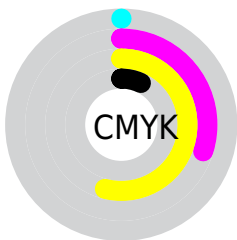
Distribution



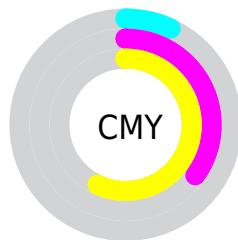
- Red (93%)
- Green (65%)
- Blue (43%)



- Red (93%)
- Yellow (84%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.608, 63.954 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, 44.608, 63.954 by changing the saturation by 10% instead.

 74, 44.608, 63.954

 74, 44.608, 63.954

 100, 44.608,
63.954

 64, 44.608, 63.954

 94, 44.608, 63.954

 54, 44.608, 63.954

 44, 44.608, 63.954

 34, 44.608, 63.954

 24, 44.608, 63.954

 14, 44.608, 63.954

 4, 44.608, 63.954

 0, 44.608, 63.954

 74, 44.608, 63.954

 74, 44.608, 63.954

71, 54.118, 62.804

77, 35.390, 65.093

68, 63.614, 61.551

81, 26.595, 66.233

65, 72.444, 60.016

85, 18.255, 67.381

62, 79.478, 57.844

88, 10.364, 68.523

60, 82.705, 56.258

92, 2.889, 69.565

96, 4.207, 250.975

99, 6.205, 199.119

Harmonies

Complementary

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



74, 44.608, 63.954



71, 36.162, 260.691

Rectangle

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



74, 44.608, 63.954



74, 44.608, 113.954



74, 44.608, 243.954



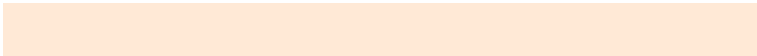
74, 44.608, 293.954

Sweetspot

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



74, 44.607, 63.958



94, 12.624, 68.292



63, 58.574, 346.646



49, 8.572, 68.056



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, 44.607, 63.958



75, 58.469, 62.657



90, 60.481, 102.669



47, 4.113, 69.029



47, 67.299, 56.960



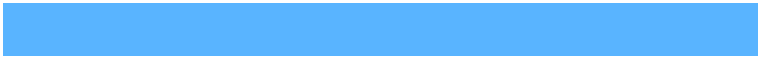
12, 22.257, 55.958

Inverse Universe

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



71, 36.162, 260.691



71, 45.335, 264.460



54, 69.749, 296.600



47, 3.994, 251.426



42, 50.716, 279.000



10, 18.985, 270.423

Previews

White Background



This preview shows how the CIELCh color 74, 44.608, 63.954 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, 44.608, 63.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

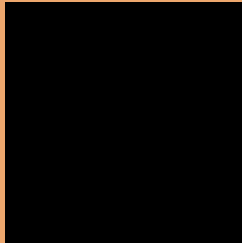
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 44.608, 63.954

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.608, 63.954.



This preview shows how white text looks on a background with the CIELCh color 74, 44.608, 63.954.

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, 33.062, 11.498

Trichromacy



Original Color
74, 44.608, 63.954

Protanomaly
74, 37.818, 82.675

Deuteranomaly
74, 42.337, 71.688

Tritanomaly
74, 33.269, 35.002

Monochromacy



Original Color
74, 44.608, 63.954

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 15.180, 67.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.608, 63.954 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(237, 167, 109)` looks like.

```
.text, #text, p{  
    color:rgb(237, 167, 109)  
}
```

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(237, 167, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 167, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.608, 63.954 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(237, 167, 109) }
```

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

```
.border{ border-color:rgb(237, 167, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 167, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 167, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 167, 109);  
box-shadow:4px 4px 4px 4px rgb(237, 167,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.608, 63.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 167, 109) }
```

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

```
.background{ background-color: rgb(237,  
167, 109) }
```

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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