

Converting Colors

CIELCh(74, 37.878, 50.062)

Have a look what the booklet for
CIELCh(74, 37.878, 50.062) contains.

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Color

CIELCh(74, 37.822, 50.068)

Conversions

Conversions Part 1

Format	Color
Hex	F0A482
RGB	240, 164, 130
RGB Percent	94%, 64%, 51%
CMY	0.0587, 0.3567, 0.4901
CMYK	0.00, 0.32, 0.46, 0.06
HSL	19°, 79%, 73%
HSV	19°, 46%, 94%
XYZ	53.2572, 46.7039, 27.3364
YIQ	182.8480, 56.2100, 5.5380

Conversions

Conversions Part 2

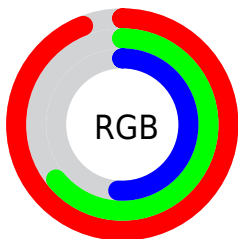
Format	Color
R_{YB}	240, 179, 130
Decimal	15770754
CIE _{Lab}	74.00, 24.28, 29.00
CIE _{LCh}	74, 37.822, 50.068
Yxy	46.7039, 0.4184, 0.3669
Android (android.graphics.Color)	4293960834 (0xFFFF0A482)
YUV	182.8480, -26.0541, 50.1223
Hunter-Lab	68.3403, 19.5085, 24.1220

Details

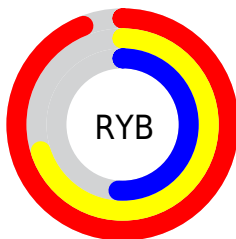
The CIELCh color **74, 37.822, 50.068** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **79, 28.214, 238.596**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 23.504, 71.874**, and **54, 37.771, 50.529** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.833, 49.780**, and if you desaturate by 10%, it is **78, 28.444, 50.480**.

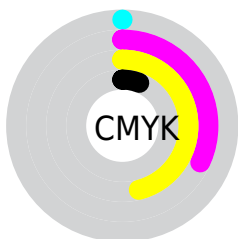
Distribution



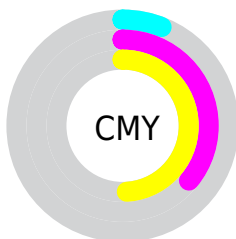
- Red (94%)
- Green (64%)
- Blue (51%)



- Red (94%)
- Yellow (70%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (6%)



- Cyan (6%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 37.822, 50.068 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, 37.822, 50.068 by changing the saturation by 10% instead.

74, 37.822, 50.068

74, 37.822, 50.068

100, 37.822,
50.068

64, 37.822, 50.068

94, 37.822, 50.068

54, 37.822, 50.068

44, 37.822, 50.068

34, 37.822, 50.068

24, 37.822, 50.068

14, 37.822, 50.068

4, 37.822, 50.068

0, 37.822, 50.068

74, 37.822, 50.068

74, 37.822, 50.068

70, 47.833, 49.780

78, 28.444, 50.480

66, 58.364, 49.587

83, 19.723, 50.988

62, 69.101, 49.411

87, 11.632, 51.570

59, 79.315, 49.016

92, 4.125, 52.145

57, 87.570, 47.893

97, 2.857, 233.195

56, 90.425, 47.318

99, 5.152, 199.207

Harmonies

Complementary

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



74, 37.822, 50.068



79, 28.214, 238.596

Rectangle

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



74, 37.822, 50.068



74, 37.822, 100.068



74, 37.822, 230.068



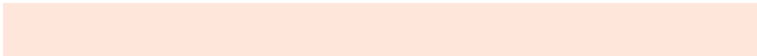
74, 37.822, 280.068

Sweetspot

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



74, 37.821, 50.073



93, 10.733, 51.678



69, 55.954, 337.833



49, 7.471, 51.547



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, 37.821, 50.073



74, 49.375, 49.796



87, 46.052, 94.916



48, 4.072, 51.951



43, 73.500, 47.888



11, 24.714, 42.883

Inverse Universe

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



79, 28.214, 238.596



81, 34.261, 240.772



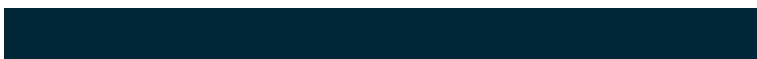
65, 49.063, 287.888



48, 3.873, 233.533



50, 38.820, 257.777



14, 15.908, 249.530

Previews

White Background



This preview shows how the CIELCh color 74, 37.822, 50.068 looks on a white background.

Color Contrast Check

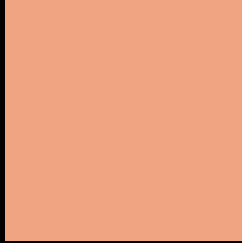
Large Text (above 18pt) WCAG AA × Fail

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, 37.822, 50.068 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, 37.822, 50.068

Background



This preview shows how black text looks on a background with the CIELCh color 74, 37.822, 50.068.



This preview shows how white text looks on a background with the CIELCh color 74, 37.822, 50.068.

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

74, 37.822, 50.068

Protanopia

74, 24.211, 95.188

Deuteranopia

74, 31.214, 73.114



Tritanopia
74, 33.826, 12.747

Trichromacy



Original Color
74, 37.822, 50.068

Protanomaly
74, 26.492, 73.605

Deuteranomaly
74, 32.670, 63.624

Tritanomaly
74, 33.599, 27.797

Monochromacy



Original Color
74, 37.822, 50.068

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 12.823, 50.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 37.822, 50.068 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(240, 164, 130)` looks like.

```
.text, #text, p{  
    color:rgb(240, 164, 130)  
}
```

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(240, 164, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 164, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 37.822, 50.068 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(240, 164, 130) }
```

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

```
.border{ border-color:rgb(240, 164, 130) }
```

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

Here you see how a box with a 4 pixel rgb(240, 164, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 164, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 164, 130);  
box-shadow:4px 4px 4px 4px rgb(240, 164,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 37.822, 50.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 164, 130) }
```

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

```
.background{ background-color: rgb(240,  
164, 130) }
```

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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