

Converting Colors

CIELCh(74, 38.783, 58.054)

Have a look what the booklet for
CIELCh(74, 38.783, 58.054) contains.

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Color

CIELCh(74, 38.673, 58.115)

Conversions

Conversions Part 1

Format	Color
Hex	ECA77B
RGB	236, 167, 123
RGB Percent	93%, 65%, 48%
CMY	0.0760, 0.3464, 0.5189
CMYK	0.00, 0.29, 0.48, 0.08
HSL	23°, 74%, 70%
HSV	23°, 48%, 92%
XYZ	51.7790, 46.7039, 24.9184
YIQ	182.6150, 55.2480, 0.9440

Conversions

Conversions Part 2

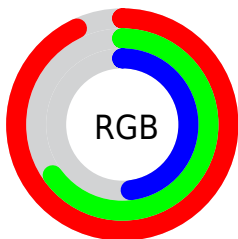
Format	Color
R _Y B	236, 195, 123
Decimal	15509371
CIE Lab	74.00, 20.43, 32.84
CIE LCh	74, 38.673, 58.115
Yxy	46.7039, 0.4196, 0.3785
Android (android.graphics.Color)	4293699451 (0xFFECA77B)
YUV	182.6150, -29.3902, 46.8186
Hunter-Lab	68.3403, 15.6477, 26.2197

Details

The CIELCh color **74, 38.673, 58.115** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 30.315, 250.610**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 27.232, 79.673**, and **54, 38.681, 58.722** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.247, 57.308**, and if you desaturate by 10%, it is **78, 29.600, 58.976**.

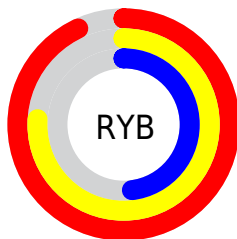
Distribution



Red (93%)

Green (65%)

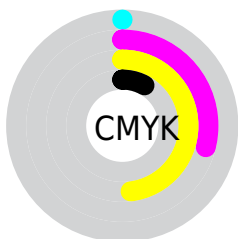
Blue (48%)



Red (93%)

Yellow (76%)

Blue (48%)

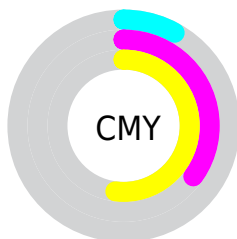


Cyan (0%)

Magenta (29%)

Yellow (48%)

Black (8%)



Cyan (8%)

Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 38.673, 58.115 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, 38.673, 58.115 by changing the saturation by 10% instead.

74, 38.673, 58.115

74, 38.673, 58.115

100, 38.673,
58.115

64, 38.673, 58.115

94, 38.673, 58.115

54, 38.673, 58.115

44, 38.673, 58.115

34, 38.673, 58.115

24, 38.673, 58.115

14, 38.673, 58.115

4, 38.673, 58.115

0, 38.673, 58.115

74, 38.673, 58.115

74, 38.673, 58.115

70, 48.247, 57.308

78, 29.600, 58.976

67, 58.168, 56.504

82, 21.076, 59.879

64, 68.048, 55.596

86, 13.090, 60.816

61, 77.057, 54.321

90, 5.606, 61.743

58, 83.934, 52.266

94, 1.423, 243.185

57, 85.231, 51.852

98, 6.018, 209.021

99, 6.641, 199.085

Harmonies

Complementary

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



74, 38.673, 58.115



75, 30.315, 250.610

Rectangle

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



74, 38.673, 58.115



74, 38.673, 108.115



74, 38.673, 238.115



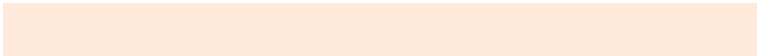
74, 38.673, 288.115

Sweetspot

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



74, 38.672, 58.120



94, 10.757, 61.181



66, 54.474, 342.134



49, 7.479, 60.977



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, 38.672, 58.120



76, 51.546, 57.283



88, 50.919, 99.739



47, 4.019, 61.607



45, 69.572, 52.508



11, 22.629, 49.503

Inverse Universe

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



75, 30.315, 250.610



76, 38.028, 253.572



60, 56.279, 292.484



47, 3.864, 243.727



45, 44.557, 270.786



12, 17.118, 261.855

Previews

White Background



This preview shows how the CIELCh color 74, 38.673, 58.115 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, 38.673, 58.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

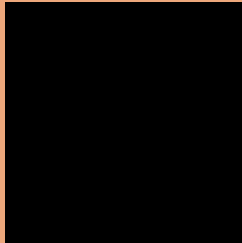
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 38.673, 58.115

Background



This preview shows how black text looks on a background with the CIELCh color 74, 38.673, 58.115.



This preview shows how white text looks on a background with the CIELCh color 74, 38.673, 58.115.

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, 38.673, 58.115

Protanopia

74, 28.970, 95.835

Deuteranopia

74, 34.764, 73.858

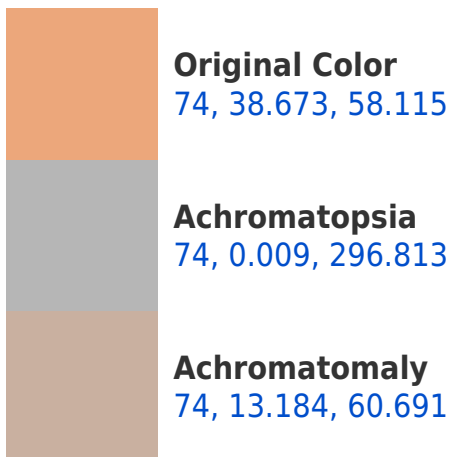


Tritanopia
74, 31.856, 10.929

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 38.673, 58.115 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(236, 167, 123)` looks like.

```
.text, #text, p{  
    color:rgb(236, 167, 123)  
}
```

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(236, 167, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 167, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 38.673, 58.115 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(236, 167, 123) }
```

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

```
.border{ border-color:rgb(236, 167, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 167, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 167, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 167, 123);  
box-shadow:4px 4px 4px 4px rgb(236, 167,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 38.673, 58.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 167, 123) }
```

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

```
.background{ background-color: rgb(236,  
167, 123) }
```

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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