

Converting Colors

CIELCh(74, 52.136, 81.719)

Have a look what the booklet for
CIELCh(74, 52.136, 81.719) contains.

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Color

CIELCh(74, 52.199, 81.929)

Conversions

Conversions Part 1

Format	Color
Hex	DEAF55
RGB	222, 175, 85
RGB Percent	87%, 69%, 33%
CMY	0.1305, 0.3147, 0.6676
CMYK	0.00, 0.21, 0.62, 0.13
HSL	39°, 67%, 60%
HSV	39°, 62%, 87%
XYZ	46.9544, 46.7039, 15.0859
YIQ	178.7930, 56.9020, -18.0260

Conversions

Conversions Part 2

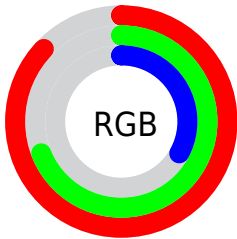
Format	Color
RYB	157, 222, 85
Decimal	14593877
CIELab	74.00, 7.33, 51.68
CIELCh	74, 52.199, 81.929
Yxy	46.7039, 0.4318, 0.4295
Android (android.graphics.Color)	4292783957 (0xFFDEAF55)
YUV	178.7930, -46.2399, 37.8925
Hunter-Lab	68.3403, 3.0461, 34.7501

Details

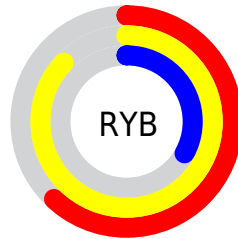
The CIELCh color **74, 52.199, 81.929** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **56, 52.083, 282.987**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 48.335, 94.053**, and **54, 52.106, 82.276** is the 20% darker color. If you saturate the color by 10%, you get **72, 60.177, 80.346**, and if you desaturate by 10%, it is **76, 43.699, 83.417**.

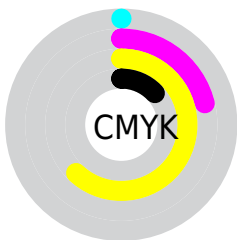
Distribution



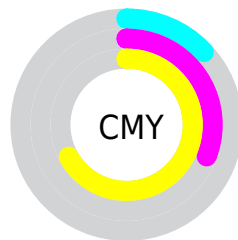
- Red (87%)
- Green (69%)
- Blue (33%)



- Red (62%)
- Yellow (87%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (62%)
- Black (13%)



- Cyan (13%)
- Magenta (31%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 52.199, 81.929 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, 52.199, 81.929 by changing the saturation by 10% instead.

 74, 52.199, 81.929

 74, 52.199, 81.929

 100, 52.199,
81.929

 64, 52.199, 81.929

 94, 52.199, 81.929

 54, 52.199, 81.929

 44, 52.199, 81.929

 34, 52.199, 81.929

 24, 52.199, 81.929

 14, 52.199, 81.929

 4, 52.199, 81.929

 0, 52.199, 81.929

 74, 52.199, 81.929

 74, 52.199, 81.929

72, 60.177, 80.346

76, 43.699, 83.417

70, 67.022, 78.566

78, 35.037, 84.841

68, 71.878, 76.430

81, 26.406, 86.221

66, 74.228, 74.352

83, 17.901, 87.559

85, 9.566, 88.848

88, 1.414, 89.943

90, 6.557, 271.383

93, 10.958,
265.722

95, 9.337, 239.747

Harmonies

Complementary

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



74, 52.199, 81.929



56, 52.083, 282.987

Rectangle

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



74, 52.199, 81.929



74, 52.199, 131.929



74, 52.199, 261.929



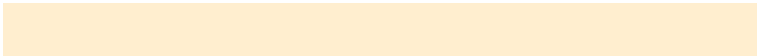
74, 52.199, 311.929

Sweetspot

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



74, 52.199, 81.933



95, 17.449, 87.902



56, 57.566, 1.718



50, 12.048, 87.525



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, 52.199, 81.933



81, 69.183, 79.870



85, 67.673, 111.764



45, 4.560, 89.139



53, 61.790, 74.886



13, 19.373, 77.582

Inverse Universe

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



56, 52.083, 282.987



57, 70.840, 287.253



45, 80.516, 303.108



43, 4.554, 271.624



30, 71.784, 295.880



5, 22.396, 284.939

Previews

White Background



This preview shows how the CIELCh color 74, 52.199, 81.929 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, 52.199, 81.929 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, 52.199, 81.929

Background



This preview shows how black text looks on a background with the CIELCh color 74, 52.199, 81.929.



This preview shows how white text looks on a background with the CIELCh color 74, 52.199, 81.929.

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, 52.199, 81.929

Protanopia

74, 50.343, 95.317

Deuteranopia

74, 52.447, 79.394



Tritanopia
74, 25.525, 7.261

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 52.199, 81.929 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(222, 175, 85)` looks like.

```
.text, #text, p{  
    color:rgb(222, 175, 85)  
}
```

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(222, 175, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 175, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 52.199, 81.929 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(222, 175, 85) }
```

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

```
.border{ border-color:rgb(222, 175, 85) }
```

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

Here you see how a box with a 4 pixel rgb(222, 175, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 175, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 175, 85);  
box-shadow:4px 4px 4px 4px rgb(222, 175,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 52.199, 81.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 175, 85) }
```

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

```
.background{ background-color: rgb(222,  
175, 85) }
```

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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