

Converting Colors

CIELCh(74, 52.857, 74.237)

Have a look what the booklet for
CIELCh(74, 52.857, 74.237) contains.

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Color

CIELCh(74, 52.804, 74.276)

Conversions

Conversions Part 1

Format	Color
Hex	E8AA57
RGB	232, 170, 87
RGB Percent	91%, 67%, 34%
CMY	0.0894, 0.3326, 0.6581
CMYK	0.00, 0.27, 0.62, 0.09
HSL	34°, 76%, 63%
HSV	34°, 62%, 91%
XYZ	49.4866, 46.7039, 15.4624
YIQ	179.0760, 63.5950, -12.6690

Conversions

Conversions Part 2

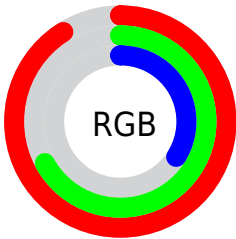
Format	Color
RYB	195, 232, 87
Decimal	15247959
CIELab	74.00, 14.31, 50.83
CIElCh	74, 52.804, 74.276
Yxy	46.7039, 0.4432, 0.4183
Android (android.graphics.Color)	4293438039 (0xFFE8AA57)
YUV	179.0760, -45.3935, 46.4143
Hunter-Lab	68.3403, 9.6601, 34.4234

Details

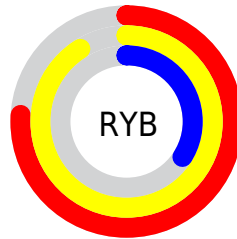
The CIELCh color **74, 52.804, 74.276** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **61, 48.201, 276.266**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 45.716, 90.882**, and **54, 52.826, 74.106** is the 20% darker color. If you saturate the color by 10%, you get **71, 61.400, 72.675**, and if you desaturate by 10%, it is **77, 43.896, 75.761**.

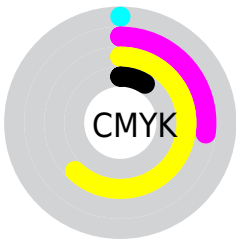
Distribution



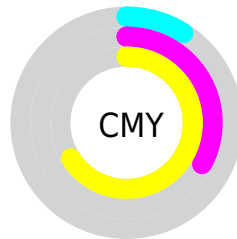
- Red (91%)
- Green (67%)
- Blue (34%)



- Red (76%)
- Yellow (91%)
- Blue (34%)



- Cyan (0%)
- Magenta (27%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (33%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 52.804, 74.276 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, 52.804, 74.276 by changing the saturation by 10% instead.

 74, 52.804, 74.276

 74, 52.804, 74.276

 100, 52.804,
74.276

 64, 52.804, 74.276

 94, 52.804, 74.276

 54, 52.804, 74.276

 44, 52.804, 74.276

 34, 52.804, 74.276

 24, 52.804, 74.276

 14, 52.804, 74.276

 4, 52.804, 74.276

 0, 52.804, 74.276

 74, 52.804, 74.276

 74, 52.804, 74.276

71, 61.400, 72.675

77, 43.896, 75.761

69, 69.053, 70.815

79, 35.015, 77.180

67, 74.799, 68.459

82, 26.327, 78.560

65, 77.678, 66.303

85, 17.899, 79.904

88, 9.753, 81.206

91, 1.883, 82.338

94, 5.728, 263.822

97, 6.501, 224.165

98, 7.784, 198.998

Harmonies

Complementary

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



74, 52.804, 74.276



61, 48.201, 276.266

Rectangle

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



74, 52.804, 74.276



74, 52.804, 124.276



74, 52.804, 254.276



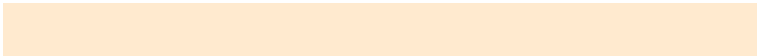
74, 52.804, 304.276

Sweetspot

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



74, 52.804, 74.280



94, 16.243, 80.347



58, 61.736, 355.804



49, 11.236, 79.968



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, 52.804, 74.280



77, 68.455, 72.165



89, 70.366, 107.706



48, 4.461, 81.581



51, 64.365, 66.923



14, 22.408, 68.736

Inverse Universe

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



61, 48.201, 276.266



61, 62.656, 280.950



46, 84.853, 301.496



46, 4.409, 264.150



35, 64.157, 290.323



8, 23.343, 282.861

Previews

White Background



This preview shows how the CIELCh color 74, 52.804, 74.276 looks on a white background.

Color Contrast Check

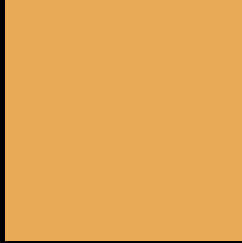
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 52.804, 74.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

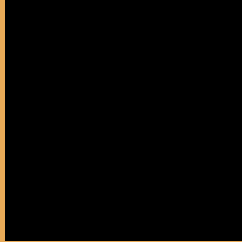
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 52.804, 74.276

Background



This preview shows how black text looks on a background with the CIELCh color 74, 52.804, 74.276.



This preview shows how white text looks on a background with the CIELCh color 74, 52.804, 74.276.

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, 52.804, 74.276

Protanopia

74, 48.381, 95.658

Deuteranopia

74, 52.005, 79.228



Tritanopia
74, 31.044, 10.525

Trichromacy



Original Color
74, 52.804, 74.276

Protanomaly
74, 48.881, 87.793

Deuteranomaly
74, 52.525, 77.342

Tritanomaly
74, 33.034, 42.464

Monochromacy



Original Color
74, 52.804, 74.276

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 18.567, 79.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 52.804, 74.276 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(232, 170, 87)` looks like.

```
.text, #text, p{  
    color:rgb(232, 170, 87)  
}
```

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(232, 170, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 170, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 52.804, 74.276 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(232, 170, 87) }
```

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

```
.border{ border-color:rgb(232, 170, 87) }
```

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

Here you see how a box with a 4 pixel rgb(232, 170, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 170, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 170, 87);  
box-shadow:4px 4px 4px 4px rgb(232, 170,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 52.804, 74.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 170, 87) }
```

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

```
.background{ background-color: rgb(232,  
170, 87) }
```

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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