

Converting Colors

CIELCh(73, 53.575, 73.224)

Have a look what the booklet for
CIELCh(73, 53.575, 73.224) contains.

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Color

CIELCh(73, 53.488, 73.385)

Conversions

Conversions Part 1

Format	Color
Hex	E7A754
RGB	231, 167, 84
RGB Percent	91%, 65%, 33%
CMY	0.0949, 0.3458, 0.6713
CMYK	0.00, 0.28, 0.64, 0.09
HSL	34°, 75%, 62%
HSV	34°, 64%, 91%
XYZ	48.2691, 45.1644, 14.5258
YIQ	176.6740, 64.7870, -12.2450

Conversions

Conversions Part 2

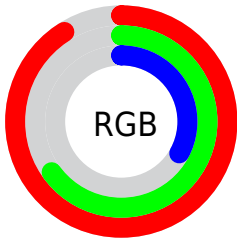
Format	Color
RYB	197, 231, 84
Decimal	15181652
CIELab	73.00, 15.29, 51.25
CIELCh	73, 53.488, 73.385
Yxy	45.1644, 0.4471, 0.4183
Android (android.graphics.Color)	4293371732 (0xFFE7A754)
YUV	176.6740, -45.6883, 47.6439
Hunter-Lab	67.2044, 10.5986, 34.2280

Details

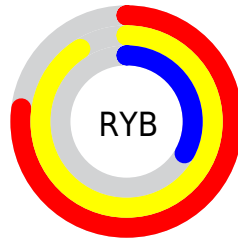
The CIELCh color **73, 53.488, 73.385** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **61, 48.346, 275.961**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 46.204, 89.334**, and **53, 53.790, 73.189** is the 20% darker color. If you saturate the color by 10%, you get **70, 62.015, 71.773**, and if you desaturate by 10%, it is **76, 44.618, 74.870**.

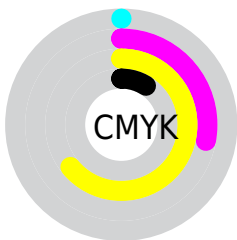
Distribution



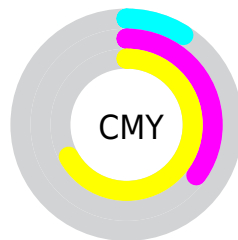
- Red (91%)
- Green (65%)
- Blue (33%)



- Red (77%)
- Yellow (91%)
- Blue (33%)



- Cyan (0%)
- Magenta (28%)
- Yellow (64%)
- Black (9%)



- Cyan (9%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 53.488, 73.385 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 73, 53.488, 73.385 by changing the saturation by 10% instead.

73, 53.488, 73.385

73, 53.488, 73.385

100, 53.488,
73.385

63, 53.488, 73.385

93, 53.488, 73.385

53, 53.488, 73.385

43, 53.488, 73.385

33, 53.488, 73.385

23, 53.488, 73.385

13, 53.488, 73.385

3, 53.488, 73.385

0, 53.488, 73.385

73, 53.488, 73.385

73, 53.488, 73.385

70, 62.015, 71.773

76, 44.618, 74.870

68, 69.534, 69.877

79, 35.767, 76.286

66, 75.052, 67.439

81, 27.108, 77.663

64, 77.474, 65.621

84, 18.717, 79.007

87, 10.615, 80.311

90, 2.798, 81.501

94, 4.753, 262.943

96, 6.805, 235.249

98, 8.256, 198.964

Harmonies

Complementary

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



73, 53.488, 73.385



61, 48.346, 275.961

Rectangle

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



73, 53.488, 73.385



73, 53.488, 123.385



73, 53.488, 253.385



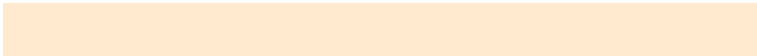
73, 53.488, 303.385

Sweetspot

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



73, 53.487, 73.389



94, 16.149, 79.609



58, 62.776, 354.891



49, 11.173, 79.231



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 53.487, 73.389



76, 69.240, 71.290



89, 71.075, 106.814



47, 4.353, 80.842



50, 63.802, 66.273



13, 21.110, 67.748

Inverse Universe

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



61, 48.346, 275.961



60, 62.709, 280.659



45, 86.270, 301.406



46, 4.298, 263.406



35, 62.515, 289.678



7, 22.079, 281.517

Previews

White Background



This preview shows how the CIELCh color 73, 53.488, 73.385 looks on a white background.

Color Contrast Check

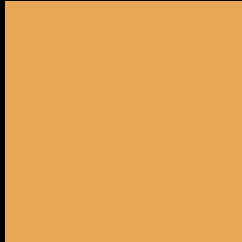
Large Text (above 18pt) WCAG AA × Fail

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 73, 53.488, 73.385 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 73, 53.488, 73.385

Background



This preview shows how black text looks on a background with the CIELCh color 73, 53.488, 73.385.



This preview shows how white text looks on a background with the CIELCh color 73, 53.488, 73.385.

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

73, 53.488, 73.385

Protanopia

73, 48.913, 95.636

Deuteranopia

73, 52.316, 79.737



Tritanopia
73, 31.962, 10.991

Trichromacy



Original Color
73, 53.488, 73.385

Protanomaly
73, 49.764, 86.830

Deuteranomaly
73, 52.668, 77.220

Tritanomaly
73, 33.852, 43.013

Monochromacy



Original Color
73, 53.488, 73.385

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 19.321, 79.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 53.488, 73.385 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(231, 167, 84)` looks like.

```
.text, #text, p{  
    color:rgb(231, 167, 84)  
}
```

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(231, 167, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 167, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 53.488, 73.385 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(231, 167, 84) }
```

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

```
.border{ border-color:rgb(231, 167, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 167, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 167, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 167, 84);  
box-shadow:4px 4px 4px 4px rgb(231, 167,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 53.488, 73.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 167, 84) }
```

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

```
.background{ background-color: rgb(231,  
167, 84) }
```

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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