

Converting Colors

CIELCh(73, 53.411, 72.642)

Have a look what the booklet for
CIELCh(73, 53.411, 72.642) contains.

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Color

CIELCh(73, 53.655, 72.378)

Conversions

Conversions Part 1

Format	Color
Hex	E8A654
RGB	232, 166, 84
RGB Percent	91%, 65%, 33%
CMY	0.0894, 0.3483, 0.6699
CMYK	0.00, 0.28, 0.64, 0.09
HSL	33°, 76%, 62%
HSV	33°, 64%, 91%
XYZ	48.6144, 45.1644, 14.5760
YIQ	176.3860, 65.6580, -11.5100

Conversions

Conversions Part 2

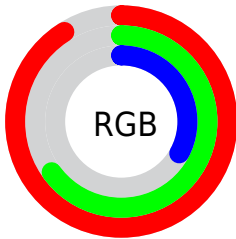
Format	Color
R _Y B	203, 232, 84
Decimal	15246932
CIE Lab	73.00, 16.24, 51.14
CIE LCh	73, 53.655, 72.378
Yxy	45.1644, 0.4487, 0.4168
Android (android.graphics.Color)	4293437012 (0xFFE8A654)
YUV	176.3860, -45.5463, 48.7735
Hunter-Lab	67.2044, 11.5158, 34.1837

Details

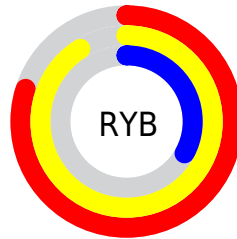
The CIELCh color **73, 53.655, 72.378** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **61, 47.859, 274.978**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 45.902, 88.695**, and **53, 53.390, 72.388** is the 20% darker color. If you saturate the color by 10%, you get **70, 62.284, 70.780**, and if you desaturate by 10%, it is **76, 44.711, 73.849**.

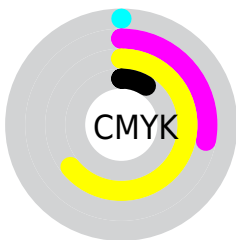
Distribution



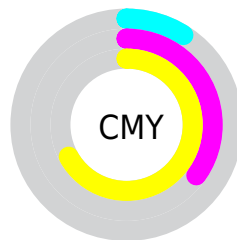
- Red (91%)
- Green (65%)
- Blue (33%)



- Red (80%)
- 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, 53.655, 72.378 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, 53.655, 72.378 by changing the saturation by 10% instead.

 73, 53.655, 72.378

 73, 53.655, 72.378

 100, 53.655,
72.378

 63, 53.655, 72.378

 93, 53.655, 72.378

 53, 53.655, 72.378

 43, 53.655, 72.378

 33, 53.655, 72.378

 23, 53.655, 72.378

 13, 53.655, 72.378

 3, 53.655, 72.378

 0, 53.655, 72.378

 73, 53.655, 72.378

 73, 53.655, 72.378

70, 62.284, 70.780

76, 44.711, 73.849

68, 69.932, 68.894

79, 35.812, 75.252

65, 75.588, 66.451

82, 27.128, 76.618

64, 78.072, 64.645

85, 18.731, 77.954

88, 10.638, 79.252

91, 2.843, 80.437

94, 4.674, 261.884

97, 6.455, 227.542

98, 7.791, 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.



73, 53.655, 72.378



61, 47.859, 274.978

Rectangle

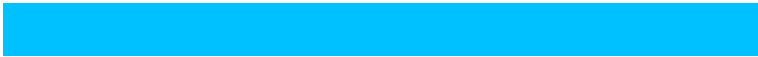
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 53.655, 72.378



73, 53.655, 122.378



73, 53.655, 252.378



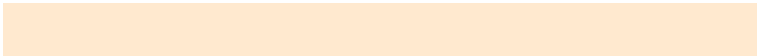
73, 53.655, 302.378

Sweetspot

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



73, 53.654, 72.382



94, 16.022, 78.564



58, 63.137, 354.912



49, 11.088, 78.188



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, 53.654, 72.382



76, 70.021, 70.138



89, 71.485, 106.808



48, 4.395, 79.788



51, 64.669, 65.279



14, 22.308, 66.764

Inverse Universe

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



61, 47.859, 274.978



61, 62.418, 280.082



45, 86.804, 301.425



47, 4.332, 262.355



36, 61.979, 288.862



8, 22.616, 281.219

Previews

White Background



This preview shows how the CIELCh color 73, 53.655, 72.378 looks on a white background.

Color Contrast Check

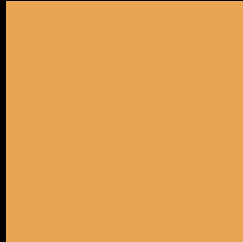
Large Text (above 18pt) WCAG AA × Fail

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, 53.655, 72.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

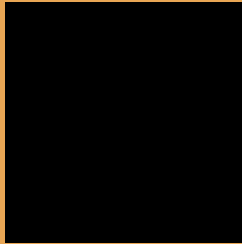
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 53.655, 72.378

Background



This preview shows how black text looks on a background with the CIELCh color 73, 53.655, 72.378.



This preview shows how white text looks on a background with the CIELCh color 73, 53.655, 72.378.

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, 53.655, 72.378

Protanopia

73, 48.913, 95.636

Deuteranopia

73, 52.316, 79.737



Tritanopia
73, 32.353, 11.178

Trichromacy



Original Color
73, 53.655, 72.378

Protanomaly
73, 49.303, 86.715

Deuteranomaly
73, 52.907, 76.812

Tritanomaly
73, 34.435, 41.801

Monochromacy



Original Color
73, 53.655, 72.378

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 19.057, 77.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 53.655, 72.378 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, 166, 84)` looks like.

```
.text, #text, p{  
    color:rgb(232, 166, 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(232, 166, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 166, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 53.655, 72.378 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, 166, 84) }
```

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

```
.border{ border-color:rgb(232, 166, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 166, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 166, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 166, 84);  
box-shadow:4px 4px 4px 4px rgb(232, 166,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 53.655, 72.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 166, 84) }
```

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

```
.background{ background-color: rgb(232,  
166, 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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