

Converting Colors

CIELCh(71, 40.722, 64.279)

Have a look what the booklet for
CIELCh(71, 40.722, 64.279) contains.

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Color

CIELCh(71, 40.585, 63.738)

Conversions

Conversions Part 1

Format	Color
Hex	E0A06C
RGB	224, 160, 108
RGB Percent	88%, 63%, 42%
CMY	0.1206, 0.3717, 0.5757
CMYK	0.00, 0.29, 0.52, 0.12
HSL	27°, 65%, 65%
HSV	27°, 52%, 88%
XYZ	46.1388, 42.1875, 19.9551
YIQ	173.2080, 54.8360, -2.6040

Conversions

Conversions Part 2

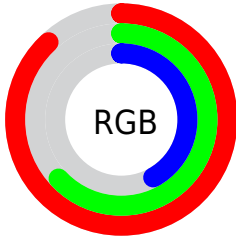
Format	Color
R _Y B	224, 202, 108
Decimal	14721132
CIE Lab	71.00, 17.96, 36.40
CIE LCh	71, 40.585, 63.738
Yxy	42.1875, 0.4261, 0.3896
Android (android.graphics.Color)	4292911212 (0xFFE0A06C)
YUV	173.2080, -32.1475, 44.5446
Hunter-Lab	64.9519, 13.1323, 27.2508

Details

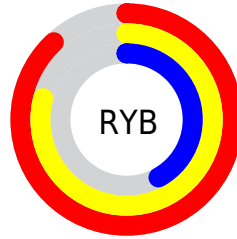
The CIELCh color **71, 40.585, 63.738** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **68, 33.071, 259.354**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 33.013, 78.494**, and **51, 40.707, 63.384** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.651, 62.624**, and if you desaturate by 10%, it is **74, 31.850, 64.854**.

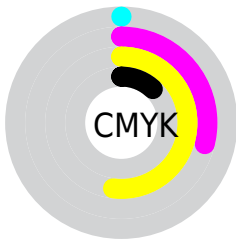
Distribution



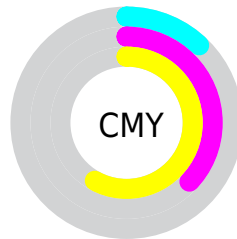
- Red (88%)
- Green (63%)
- Blue (42%)



- Red (88%)
- Yellow (79%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (52%)
- Black (12%)



- Cyan (12%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 40.585, 63.738 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 71, 40.585, 63.738 by changing the saturation by 10% instead.

71, 40.585, 63.738

71, 40.585, 63.738

100, 40.585,
63.738

61, 40.585, 63.738

91, 40.585, 63.738

51, 40.585, 63.738

41, 40.585, 63.738

31, 40.585, 63.738

21, 40.585, 63.738

11, 40.585, 63.738

1, 40.585, 63.738

0, 40.585, 63.738

71, 40.585, 63.738

71, 40.585, 63.738

68, 49.651, 62.624

74, 31.850, 64.854

65, 58.812, 61.436

78, 23.539, 65.977

62, 67.549, 60.031

81, 15.672, 67.108

59, 74.897, 58.100

85, 8.231, 68.228

57, 79.472, 56.022

89, 1.185, 69.047

92, 5.505, 250.628

96, 8.635, 228.188

98, 10.423,
198.811

Harmonies

Complementary

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



71, 40.585, 63.738



68, 33.071, 259.354

Rectangle

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



71, 40.585, 63.738



71, 40.585, 113.738



71, 40.585, 243.738



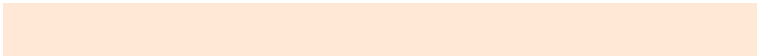
71, 40.585, 293.738

Sweetspot

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



71, 40.584, 63.743



94, 12.598, 67.742



61, 54.450, 345.330



49, 8.555, 67.509



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 40.584, 63.743



76, 55.423, 62.544



85, 54.858, 102.052



45, 3.956, 68.477



45, 66.009, 56.679



11, 19.737, 54.468

Inverse Universe

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



68, 33.071, 259.354



72, 43.176, 262.769



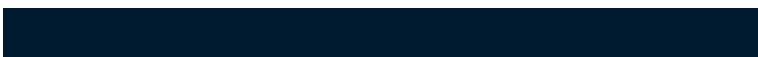
53, 62.374, 295.409



45, 3.839, 250.847



41, 49.064, 278.320



9, 17.399, 268.602

Previews

White Background



This preview shows how the CIELCh color 71, 40.585, 63.738 looks on a white background.

Color Contrast Check

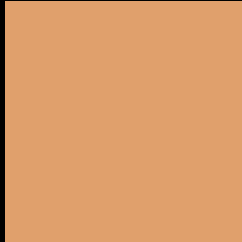
Large Text (above 18pt) WCAG AA × Fail

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 71, 40.585, 63.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

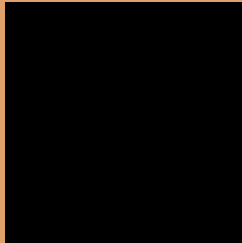
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 40.585, 63.738

Background



This preview shows how black text looks on a background with the CIELCh color 71, 40.585, 63.738.



This preview shows how white text looks on a background with the CIELCh color 71, 40.585, 63.738.

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





Tritanopia
71, 30.538, 10.289

Trichromacy



Original Color
71, 40.585, 63.738

Protanomaly
71, 34.147, 82.460

Deuteranomaly
71, 38.906, 71.345

Tritanomaly
71, 30.259, 34.212

Monochromacy



Original Color
71, 40.585, 63.738

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 14.213, 66.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 40.585, 63.738 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(224, 160, 108)` looks like.

```
.text, #text, p{  
    color:rgb(224, 160, 108)  
}
```

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(224, 160, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 160, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 40.585, 63.738 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(224, 160, 108) }
```

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

```
.border{ border-color:rgb(224, 160, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 160, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 160, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 160, 108);  
box-shadow:4px 4px 4px 4px rgb(224, 160,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 40.585, 63.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 160, 108) }
```

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

```
.background{ background-color: rgb(224,  
160, 108) }
```

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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