

Converting Colors

CIELCh(71, 48.474, 60.415)

Have a look what the booklet for
CIELCh(71, 48.474, 60.415) contains.

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Color

CIELCh(71, 48.334, 60.564)

Conversions

Conversions Part 1

Format	Color
Hex	EB9C62
RGB	235, 156, 98
RGB Percent	92%, 61%, 38%
CMY	0.0795, 0.3892, 0.6166
CMYK	0.00, 0.34, 0.58, 0.08
HSL	25°, 77%, 65%
HSV	25°, 58%, 92%
XYZ	48.2106, 42.1875, 17.1003
YIQ	173.0090, 65.7020, -1.2900

Conversions

Conversions Part 2

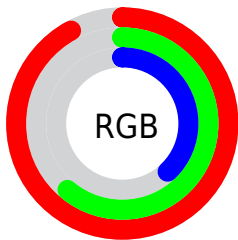
Format	Color
R _Y B	235, 199, 98
Decimal	15440994
CIE Lab	71.00, 23.75, 42.09
CIE LCh	71, 48.334, 60.564
Yxy	42.1875, 0.4485, 0.3924
Android (android.graphics.Color)	4293631074 (0xFFEB9C62)
YUV	173.0090, -36.9794, 54.3661
Hunter-Lab	64.9519, 18.8260, 29.8567

Details

The CIELCh color **71, 48.334, 60.564** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **69, 37.119, 258.238**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 36.758, 78.133**, and **51, 48.250, 60.480** is the 20% darker color. If you saturate the color by 10%, you get **68, 58.008, 59.547**, and if you desaturate by 10%, it is **75, 38.920, 61.566**.

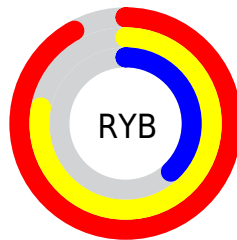
Distribution



Red (92%)

Green (61%)

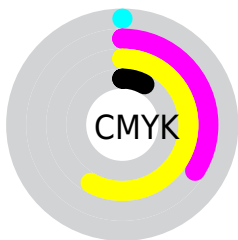
Blue (38%)



Red (92%)

Yellow (78%)

Blue (38%)

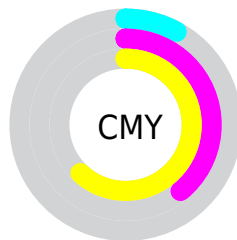


Cyan (0%)

Magenta (34%)

Yellow (58%)

Black (8%)



Cyan (8%)

Magenta (39%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 48.334, 60.564 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, 48.334, 60.564 by changing the saturation by 10% instead.

71, 48.334, 60.564

71, 48.334, 60.564

100, 48.334,
60.564

61, 48.334, 60.564

91, 48.334, 60.564

51, 48.334, 60.564

41, 48.334, 60.564

31, 48.334, 60.564

21, 48.334, 60.564

11, 48.334, 60.564

1, 48.334, 60.564

0, 48.334, 60.564

71, 48.334, 60.564

71, 48.334, 60.564

68, 58.008, 59.547

75, 38.920, 61.566

65, 67.531, 58.386

78, 29.945, 62.582

62, 76.056, 56.825

82, 21.463, 63.624

59, 82.426, 54.499

86, 13.474, 64.682

59, 83.404, 54.126

90, 5.948, 65.721

94, 1.155, 247.303

97, 5.829, 222.502

99, 6.944, 199.061

Harmonies

Complementary

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



71, 48.334, 60.564



69, 37.119, 258.238

Rectangle

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



71, 48.334, 60.564



71, 48.334, 110.564



71, 48.334, 240.564



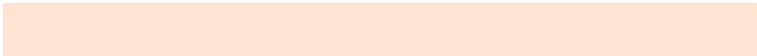
71, 48.334, 290.564

Sweetspot

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



71, 48.333, 60.568



92, 14.127, 64.710



61, 63.217, 345.314



48, 9.904, 64.401



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, 48.333, 60.568



72, 63.791, 59.335



88, 62.517, 100.502



47, 4.061, 65.609



46, 68.319, 54.795



12, 22.395, 52.886

Inverse Universe

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



69, 37.119, 258.238



70, 46.381, 262.540



51, 72.530, 296.303



47, 3.925, 247.894



43, 47.725, 275.384



11, 18.065, 266.604

Previews

White Background



This preview shows how the CIELCh color 71, 48.334, 60.564 looks on a white background.

Color Contrast Check

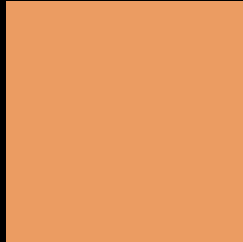
Large Text (above 18pt) WCAG AA × Fail

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, 48.334, 60.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

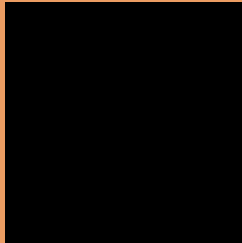
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 48.334, 60.564

Background



This preview shows how black text looks on a background with the CIELCh color 71, 48.334, 60.564.



This preview shows how white text looks on a background with the CIELCh color 71, 48.334, 60.564.

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](#).

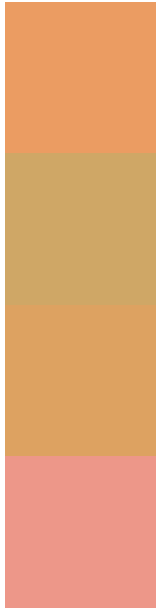
Dichromacy





Tritanopia
71, 36.635, 13.933

Trichromacy



Original Color
71, 48.334, 60.564

Protanomaly
71, 39.525, 80.313

Deuteranomaly
71, 44.544, 70.689

Tritanomaly
71, 37.137, 34.215

Monochromacy



Original Color
71, 48.334, 60.564

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 16.213, 64.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 48.334, 60.564 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(235, 156, 98)` looks like.

```
.text, #text, p{  
    color:rgb(235, 156, 98)  
}
```

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(235, 156, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 156, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 48.334, 60.564 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(235, 156, 98) }
```

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

```
.border{ border-color:rgb(235, 156, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 156, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 156, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 156, 98);  
box-shadow:4px 4px 4px 4px rgb(235, 156,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 48.334, 60.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 156, 98) }
```

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

```
.background{ background-color: rgb(235,  
156, 98) }
```

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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