

Converting Colors

CIELCh(71, 41.340, 69.598)

Have a look what the booklet for
CIELCh(71, 41.340, 69.598) contains.

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Color

CIELCh(71, 41.267, 69.634)

Conversions

Conversions Part 1

Format	Color
Hex	DCA368
RGB	220, 163, 104
RGB Percent	86%, 64%, 41%
CMY	0.1390, 0.3624, 0.5937
CMYK	0.00, 0.26, 0.53, 0.14
HSL	31°, 62%, 63%
HSV	31°, 53%, 86%
XYZ	44.8836, 42.1875, 18.7717
YIQ	173.3170, 52.9110, -6.2650

Conversions

Conversions Part 2

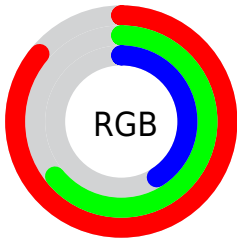
Format	Color
RYB	216, 220, 104
Decimal	14459752
CIELab	71.00, 14.36, 38.69
CIElCh	71, 41.267, 69.634
Yxy	42.1875, 0.4241, 0.3986
Android (android.graphics.Color)	4292649832 (0xFFDCA368)
YUV	173.3170, -34.1733, 40.9410
Hunter-Lab	64.9519, 9.6827, 28.3310

Details

The CIELCh color **71, 41.267, 69.634** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 35.695, 266.732**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 35.582, 82.571**, and **51, 41.226, 69.405** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.959, 68.288**, and if you desaturate by 10%, it is **74, 32.750, 70.945**.

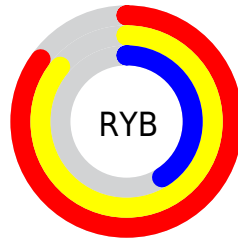
Distribution



Red (86%)

Green (64%)

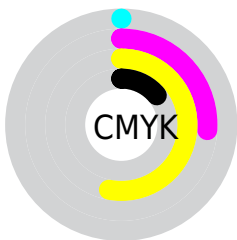
Blue (41%)



Red (85%)

Yellow (86%)

Blue (41%)

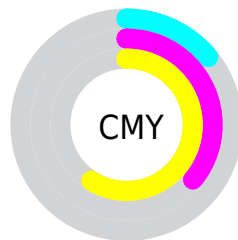


Cyan (0%)

Magenta (26%)

Yellow (53%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 41.267, 69.634 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, 41.267, 69.634 by changing the saturation by 10% instead.

71, 41.267, 69.634

71, 41.267, 69.634

100, 41.267,
69.634

61, 41.267, 69.634

91, 41.267, 69.634

51, 41.267, 69.634

41, 41.267, 69.634

31, 41.267, 69.634

21, 41.267, 69.634

11, 41.267, 69.634

1, 41.267, 69.634

0, 41.267, 69.634

71, 41.267, 69.634

71, 41.267, 69.634

68, 49.959, 68.288

74, 32.750, 70.945

65, 58.542, 66.828

77, 24.536, 72.232

63, 66.442, 65.107

80, 16.668, 73.502

60, 72.703, 62.840

83, 9.147, 74.743

59, 76.032, 60.857

87, 1.954, 75.824

90, 4.937, 257.307

93, 10.595,
254.777

96, 10.292,
216.674

98, 11.948,
198.708

Harmonies

Complementary

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



71, 41.267, 69.634



64, 35.695, 266.732

Rectangle

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



71, 41.267, 69.634



71, 41.267, 119.634



71, 41.267, 249.634



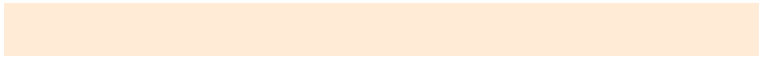
71, 41.267, 299.634

Sweetspot

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



71, 41.267, 69.638



94, 13.003, 74.335



59, 52.590, 349.474



49, 8.821, 74.077



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, 41.267, 69.638



78, 56.645, 68.187



86, 58.139, 105.196



44, 4.020, 75.148



47, 63.559, 61.508



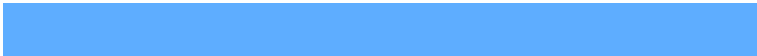
11, 18.357, 60.807

Inverse Universe

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



64, 35.695, 266.732



69, 47.700, 270.198



49, 67.566, 298.086



44, 3.938, 257.657



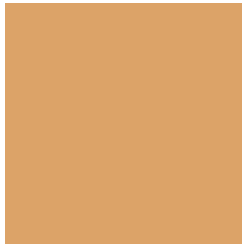
37, 54.786, 284.695



7, 18.367, 274.658

Previews

White Background



This preview shows how the CIELCh color 71, 41.267, 69.634 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, 41.267, 69.634 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, 41.267, 69.634

Background



This preview shows how black text looks on a background with the CIELCh color 71, 41.267, 69.634.

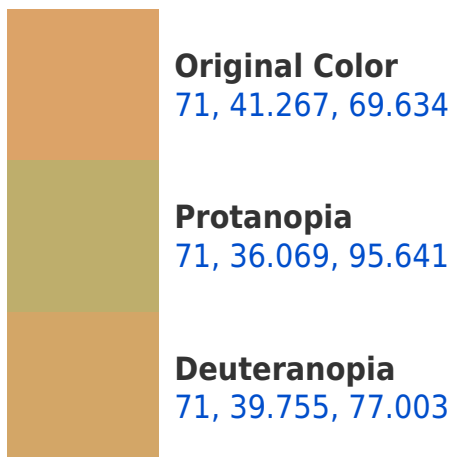


This preview shows how white text looks on a background with the CIELCh color 71, 41.267, 69.634.

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](#).

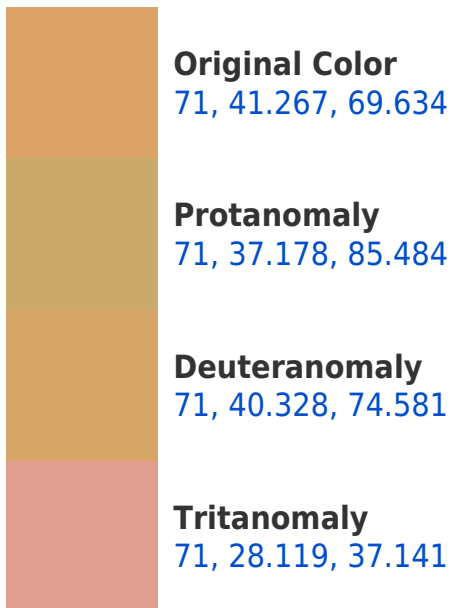
Dichromacy





Tritanopia
71, 28.133, 8.936

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 41.267, 69.634 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(220, 163, 104)` looks like.

```
.text, #text, p{  
    color:rgb(220, 163, 104)  
}
```

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(220, 163, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 163, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 41.267, 69.634 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(220, 163, 104) }
```

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

```
.border{ border-color:rgb(220, 163, 104) }
```

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

Here you see how a box with a 4 pixel rgb(220, 163, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 163, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 163, 104);  
box-shadow:4px 4px 4px 4px rgb(220, 163,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 41.267, 69.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 163, 104) }
```

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

```
.background{ background-color: rgb(220,  
163, 104) }
```

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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