

Converting Colors

CIELCh(71, 30.281, 71.809)

Have a look what the booklet for
CIELCh(71, 30.281, 71.809) contains.

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Color

CIELCh(71, 30.202, 71.440)

Conversions

Conversions Part 1

Format	Color
Hex	D0A67A
RGB	208, 166, 122
RGB Percent	82%, 65%, 48%
CMY	0.1835, 0.3483, 0.5209
CMYK	0.00, 0.20, 0.41, 0.18
HSL	31°, 48%, 65%
HSV	31°, 41%, 82%
XYZ	43.2614, 42.1875, 24.3327
YIQ	173.5420, 39.1560, -4.7800

Conversions

Conversions Part 2

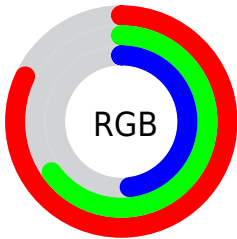
Format	Color
R _Y B	204, 208, 122
Decimal	13674106
CIE Lab	71.00, 9.61, 28.63
CIE LCh	71, 30.202, 71.440
Yxy	42.1875, 0.3941, 0.3843
Android (android.graphics.Color)	4291864186 (0xFFD0A67A)
YUV	173.5420, -25.4102, 30.2197
Hunter-Lab	64.9519, 5.2247, 23.2547

Details

The CIELCh color **71, 30.202, 71.440** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 27.074, 263.907**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 27.459, 78.933**, and **51, 30.070, 70.931** is the 20% darker color. If you saturate the color by 10%, you get **68, 38.315, 70.141**, and if you desaturate by 10%, it is **74, 22.384, 72.731**.

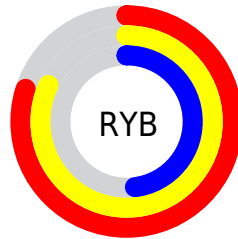
Distribution



Red (82%)

Green (65%)

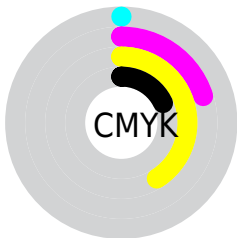
Blue (48%)



Red (80%)

Yellow (82%)

Blue (48%)

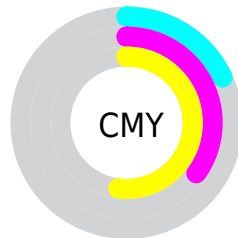


Cyan (0%)

Magenta (20%)

Yellow (41%)

Black (18%)



Cyan (18%)

Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 30.202, 71.440 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, 30.202, 71.440 by changing the saturation by 10% instead.

71, 30.202, 71.440

71, 30.202, 71.440

100, 30.202,
71.440

61, 30.202, 71.440

91, 30.202, 71.440

51, 30.202, 71.440

41, 30.202, 71.440

31, 30.202, 71.440

21, 30.202, 71.440

11, 30.202, 71.440

1, 30.202, 71.440

0, 30.202, 71.440

71, 30.202, 71.440

71, 30.202, 71.440

68, 38.315, 70.141

74, 22.384, 72.731

65, 46.617, 68.797

77, 14.894, 73.999

63, 54.869, 67.359

80, 7.730, 75.232

60, 62.579, 65.695

83, 0.873, 76.089

58, 68.900, 63.550

86, 5.703, 257.777

56, 72.929, 61.233

89, 12.025,
258.905

92, 13.102,
243.250

95, 13.519,
215.232

97, 15.565,
198.470

Harmonies

Complementary

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



71, 30.202, 71.440



66, 27.074, 263.907

Rectangle

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



71, 30.202, 71.440



71, 30.202, 121.440



71, 30.202, 251.440



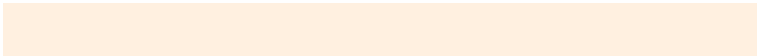
71, 30.202, 301.440

Sweetspot

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



71, 30.202, 71.446



96, 9.681, 75.133



62, 39.973, 347.798



50, 6.441, 74.972



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, 30.202, 71.446



82, 43.945, 70.237



82, 44.374, 106.222



42, 3.873, 75.459



46, 62.077, 61.841



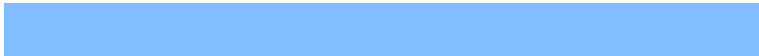
9, 15.709, 60.073

Inverse Universe

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



66, 27.074, 263.907



75, 38.373, 266.352



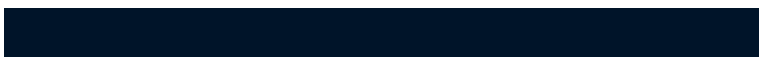
55, 49.425, 295.783



42, 3.796, 257.960



36, 53.774, 284.860



6, 16.459, 273.101

Previews

White Background



This preview shows how the CIELCh color 71, 30.202, 71.440 looks on a white background.

Color Contrast Check

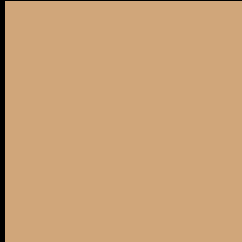
Large Text (above 18pt) WCAG AA × Fail

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, 30.202, 71.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

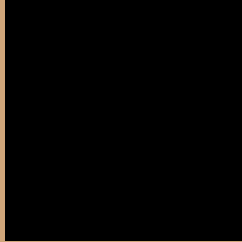
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 30.202, 71.440

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.202, 71.440.



This preview shows how white text looks on a background with the CIELCh color 71, 30.202, 71.440.

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

71, 30.202, 71.440

Protanopia

71, 27.024, 95.927

Deuteranopia

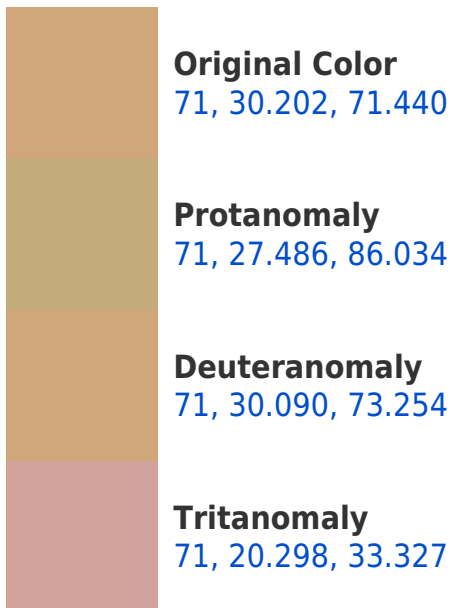
71, 30.090, 73.254



Tritanopia

71, 21.484, 3.909

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.202, 71.440 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(208, 166, 122)` looks like.

```
.text, #text, p{  
    color:rgb(208, 166, 122)  
}
```

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(208, 166, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 166, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.202, 71.440 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(208, 166, 122) }
```

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

```
.border{ border-color:rgb(208, 166, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 166, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 166, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 166, 122);  
box-shadow:4px 4px 4px 4px rgb(208, 166,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.202, 71.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 166, 122) }
```

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

```
.background{ background-color: rgb(208,  
166, 122) }
```

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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