

Converting Colors

CIELCh(71, 43.195, 81.398)

Have a look what the booklet for
CIELCh(71, 43.195, 81.398) contains.

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Color

CIELCh(71, 43.483, 81.614)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D1A85F |
| RGB | 209, 168, 95 |
| RGB Percent | 82%, 66%, 37% |
| CMY | 0.1820, 0.3426, 0.6288 |
| CMYK | 0.00, 0.20, 0.55, 0.18 |
| HSL | 38°, 55%, 59% |
| HSV | 38°, 55%, 82% |
| XYZ | 42.1668, 42.1875, 16.6648 |
| YIQ | 171.9370, 47.8690, -14.0110 |

Conversions

Conversions Part 2

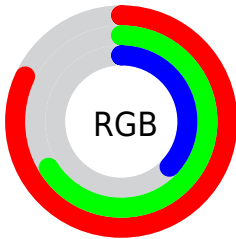
| Format | Color |
|-------------------------------------|---|
| RYB | 159, 209, 95 |
| Decimal | 13740127 |
| CIELab | 71.00, 6.34, 43.02 |
| CIElCh | 71, 43.483, 81.614 |
| Yxy | 42.1875, 0.4174, 0.4176 |
| Android (android.graphics.Color) | 4291930207 (0xFFD1A85F) |
| YUV | 171.9370, -37.9299, 32.5043 |
| Hunter-Lab | 64.9519, 2.2165, 30.2542 |

Details

The CIELCh color **71, 43.483, 81.614** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **57, 42.521, 279.531**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 41.269, 88.475**, and **51, 43.700, 81.429** is the 20% darker color. If you saturate the color by 10%, you get **69, 51.499, 80.108**, and if you desaturate by 10%, it is **73, 35.283, 83.058**.

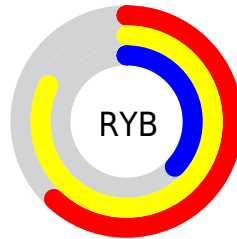
Distribution



Red (82%)

Green (66%)

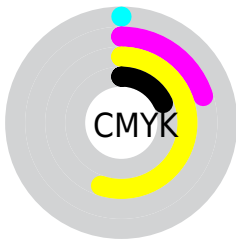
Blue (37%)



Red (62%)

Yellow (82%)

Blue (37%)

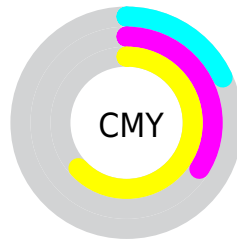


Cyan (0%)

Magenta (20%)

Yellow (55%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 43.483, 81.614 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, 43.483, 81.614 by changing the saturation by 10% instead.

 71, 43.483, 81.614

 71, 43.483, 81.614

 100, 43.483,
81.614

 61, 43.483, 81.614

 91, 43.483, 81.614

 51, 43.483, 81.614

 41, 43.483, 81.614

 31, 43.483, 81.614

 21, 43.483, 81.614

 11, 43.483, 81.614

 1, 43.483, 81.614

 0, 43.483, 81.614

 71, 43.483, 81.614

 71, 43.483, 81.614

69, 51.499, 80.108

73, 35.283, 83.058

67, 58.945, 78.472

75, 27.105, 84.450

65, 65.176, 76.595

78, 19.054, 85.802

63, 69.347, 74.283

80, 11.175, 87.108

62, 70.915, 72.903

83, 3.484, 88.328

85, 4.022, 269.698

88, 11.351,
270.832

90, 15.402,
267.151

92, 13.343,
249.683

Harmonies

Complementary

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



71, 43.483, 81.614



57, 42.521, 279.531

Rectangle

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



71, 43.483, 81.614



71, 43.483, 131.614



71, 43.483, 261.614



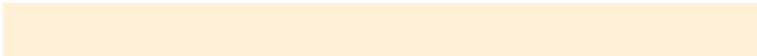
71, 43.483, 311.614

Sweetspot

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



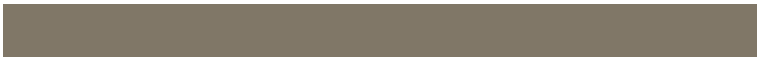
71, 43.483, 81.618



95, 14.421, 86.907



55, 49.273, 358.783



50, 9.762, 86.638



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, 43.483, 81.618



82, 61.853, 79.771



81, 57.869, 111.376



43, 4.315, 87.764



51, 60.435, 73.409



11, 16.483, 75.704

Inverse Universe

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



57, 42.521, 279.531



62, 61.079, 283.274



47, 67.118, 301.603



41, 4.302, 270.255



30, 68.164, 294.802



4, 19.189, 281.853

Previews

White Background



This preview shows how the CIELCh color 71, 43.483, 81.614 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 CIE LCh color 71, 43.483, 81.614 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, 43.483, 81.614

Background



This preview shows how black text looks on a background with the CIELCh color 71, 43.483, 81.614.



This preview shows how white text looks on a background with the CIELCh color 71, 43.483, 81.614.

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, 43.483, 81.614

Protanopia

71, 41.684, 95.820

Deuteranopia

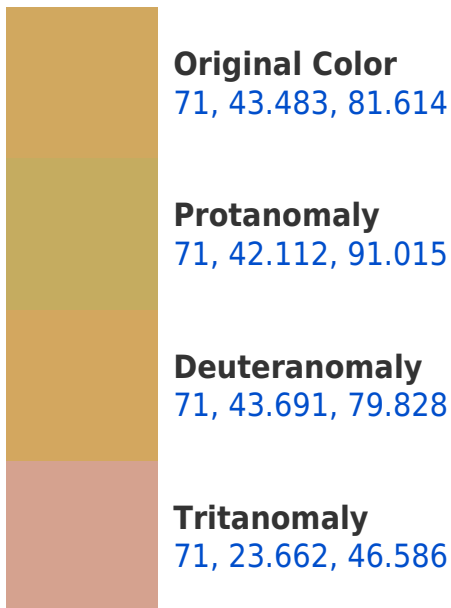
71, 43.947, 78.062



Tritanopia

71, 22.641, 4.970

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 43.483, 81.614 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(209, 168, 95)` looks like.

```
.text, #text, p{  
    color:rgb(209, 168, 95)  
}
```

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(209, 168, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 168, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 43.483, 81.614 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(209, 168, 95) }
```

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

```
.border{ border-color:rgb(209, 168, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 168, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 168, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 168, 95);  
box-shadow:4px 4px 4px 4px rgb(209, 168,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 43.483, 81.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 168, 95) }
```

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

```
.background{ background-color: rgb(209,  
168, 95) }
```

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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