

Converting Colors

CIELCh(71, 32.490, 73.783)

Have a look what the booklet for
CIELCh(71, 32.490, 73.783) contains.

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Color

CIELCh(71, 32.490, 73.783)

Conversions

Conversions Part 1

Format	Color
Hex	D0A675
RGB	208, 166, 117
RGB Percent	82%, 65%, 46%
CMY	0.1826, 0.3474, 0.5397
CMYK	0.00, 0.20, 0.44, 0.18
HSL	32°, 49%, 64%
HSV	32°, 44%, 82%
XYZ	43.0796, 42.1875, 22.8218
YIQ	172.9720, 40.7610, -6.3350

Conversions

Conversions Part 2

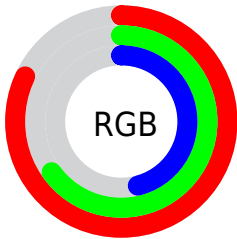
Format	Color
RYB	195, 208, 117
Decimal	13674101
CIELab	71.00, 9.07, 31.20
CIElCh	71, 32.490, 73.783
Yxy	42.1875, 0.3986, 0.3903
Android (android.graphics.Color)	4291864181 (0xFFD0A675)
YUV	172.9720, -27.5942, 30.7196
Hunter-Lab	64.9519, 4.7251, 24.6339

Details

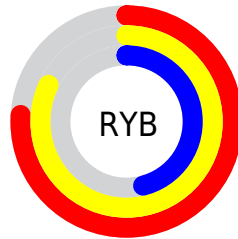
The CIELCh color **71, 32.490, 73.783** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 29.550, 267.329**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 29.773, 80.989**, and **51, 32.475, 73.254** is the 20% darker color. If you saturate the color by 10%, you get **68, 40.644, 72.421**, and if you desaturate by 10%, it is **74, 24.565, 75.125**.

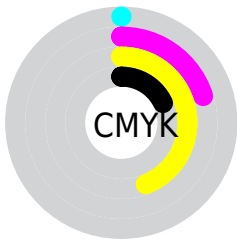
Distribution



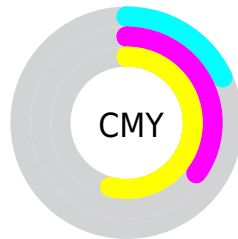
- Red (82%)
- Green (65%)
- Blue (46%)



- Red (76%)
- Yellow (82%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (18%)



- Cyan (18%)
- Magenta (35%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.490, 73.783 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, 32.490, 73.783 by changing the saturation by 10% instead.

71, 32.490, 73.783

71, 32.490, 73.783

100, 32.490,
73.783

61, 32.490, 73.783

91, 32.490, 73.783

51, 32.490, 73.783

41, 32.490, 73.783

31, 32.490, 73.783

21, 32.490, 73.783

11, 32.490, 73.783

1, 32.490, 73.783

0, 32.490, 73.783

71, 32.490, 73.783

71, 32.490, 73.783

68, 40.644, 72.421

74, 24.565, 75.125

66, 48.885, 70.996

77, 16.924, 76.435

63, 56.908, 69.446

80, 9.580, 77.711

61, 64.133, 67.624

83, 2.522, 78.871

59, 69.648, 65.257

86, 4.270, 260.316

57, 72.279, 63.526

89, 10.821,
261.452

91, 13.649,
253.050

94, 12.908,
226.526

96, 14.830,
202.504

Harmonies

Complementary

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



71, 32.490, 73.783



64, 29.550, 267.329

Rectangle

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



71, 32.490, 73.783



71, 32.490, 123.783



71, 32.490, 253.783



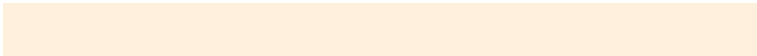
71, 32.490, 303.783

Sweetspot

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



71, 32.490, 73.788



95, 10.709, 77.777



61, 41.494, 350.150



50, 7.528, 77.497



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, 32.490, 73.788



82, 46.288, 72.570



82, 46.834, 107.544



43, 3.948, 78.237



47, 61.505, 64.126



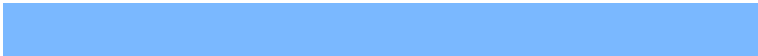
9, 15.764, 63.408

Inverse Universe

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



64, 29.550, 267.329



73, 41.295, 269.759



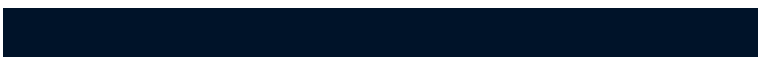
53, 52.565, 297.147



42, 3.885, 260.765



34, 56.664, 287.295



6, 17.042, 275.332

Previews

White Background



This preview shows how the CIELCh color 71, 32.490, 73.783 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, 32.490, 73.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

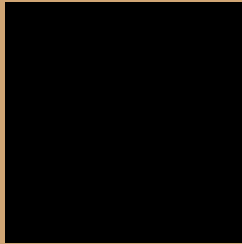
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.490, 73.783

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.490, 73.783.



This preview shows how white text looks on a background with the CIELCh color 71, 32.490, 73.783.

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](#).

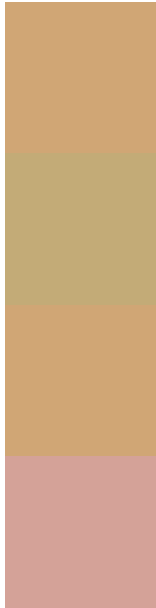
Dichromacy





Tritanopia
71, 22.379, 3.284

Trichromacy



Original Color
71, 32.490, 73.783

Protanomaly
71, 30.008, 87.493

Deuteranomaly
71, 32.490, 73.783

Tritanomaly
71, 21.065, 35.891

Monochromacy



Original Color
71, 32.490, 73.783

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.472, 77.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.490, 73.783 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(208, 166, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 166, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.490, 73.783 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, 117) }
```

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

```
.border{ border-color:rgb(208, 166, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 166, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 166, 117);  
box-shadow:4px 4px 4px 4px rgb(208, 166,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.490, 73.783 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, 117) }
```

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

```
.background{ background-color: rgb(208,  
166, 117) }
```

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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