

Converting Colors

CIELCh(73, 31.531, 65.100)

Have a look what the booklet for
CIELCh(73, 31.531, 65.100) contains.

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Color

CIELCh(73, 31.402, 64.576)

Conversions

Conversions Part 1

Format	Color
Hex	DCA980
RGB	220, 169, 128
RGB Percent	86%, 66%, 50%
CMY	0.1371, 0.3371, 0.4979
CMYK	0.00, 0.23, 0.42, 0.14
HSL	27°, 57%, 68%
HSV	27°, 42%, 86%
XYZ	47.6140, 45.1644, 26.6386
YIQ	179.5750, 43.5570, -1.9390

Conversions

Conversions Part 2

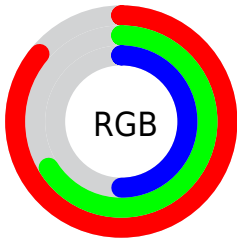
Format	Color
R_{YB}	220, 202, 128
Decimal	14461312
CIE _{Lab}	73.00, 13.48, 28.36
CIE _{LCh}	73, 31.402, 64.576
Yxy	45.1644, 0.3987, 0.3782
Android (android.graphics.Color)	4292651392 (0xFFDCA980)
YUV	179.5750, -25.4265, 35.4527
Hunter-Lab	67.2044, 8.8585, 23.5417

Details

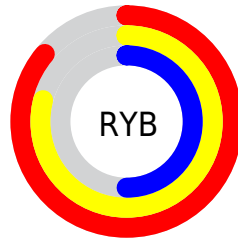
The CIELCh color **73, 31.402, 64.576** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 26.674, 256.379**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 25.404, 79.828**, and **53, 31.529, 64.886** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.009, 63.481**, and if you desaturate by 10%, it is **76, 23.215, 65.694**.

Distribution



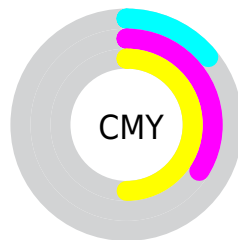
- Red (86%)
- Green (66%)
- Blue (50%)



- Red (86%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (14%)



- Cyan (14%)
- Magenta (34%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 31.402, 64.576 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 73, 31.402, 64.576 by changing the saturation by 10% instead.

 73, 31.402, 64.576

 73, 31.402, 64.576

 100, 31.402,
64.576

 63, 31.402, 64.576

 93, 31.402, 64.576

 53, 31.402, 64.576

 43, 31.402, 64.576

 33, 31.402, 64.576

 23, 31.402, 64.576

 13, 31.402, 64.576

 3, 31.402, 64.576

 0, 31.402, 64.576

 73, 31.402, 64.576

 73, 31.402, 64.576

70, 40.009, 63.481

76, 23.215, 65.694

67, 48.949, 62.376

80, 15.468, 66.816

64, 57.988, 61.204

83, 8.144, 67.928

61, 66.618, 59.816

87, 1.211, 68.752

58, 73.892, 57.904

91, 5.369, 250.318

56, 78.425, 55.877

94, 9.833, 241.234

97, 11.589,
200.246

98, 11.794,
198.718

Harmonies

Complementary

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



73, 31.402, 64.576



71, 26.674, 256.379

Rectangle

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



73, 31.402, 64.576



73, 31.402, 114.576



73, 31.402, 244.576



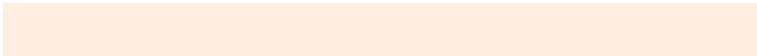
73, 31.402, 294.576

Sweetspot

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



73, 31.402, 64.582



95, 10.138, 67.786



65, 43.960, 344.080



50, 7.138, 67.540



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 31.402, 64.582



80, 43.352, 63.635



84, 44.210, 103.052



44, 3.877, 68.185



45, 65.363, 56.532



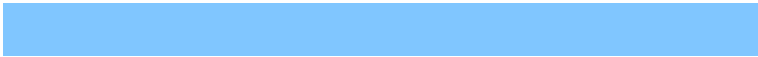
10, 18.452, 53.564

Inverse Universe

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



71, 26.674, 256.379



77, 35.448, 258.633



59, 48.630, 293.335



44, 3.761, 250.540



40, 48.234, 277.957



8, 16.609, 267.577

Previews

White Background



This preview shows how the CIELCh color 73, 31.402, 64.576 looks on a white background.

Color Contrast Check

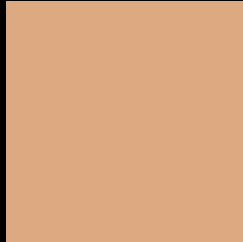
Large Text (above 18pt) WCAG AA × Fail

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 73, 31.402, 64.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

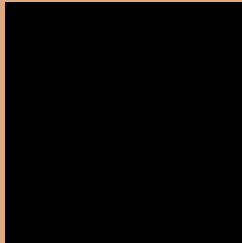
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 31.402, 64.576

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.402, 64.576.

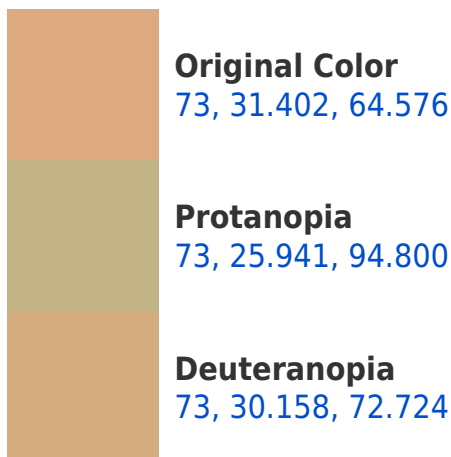


This preview shows how white text looks on a background with the CIELCh color 73, 31.402, 64.576.

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](#).

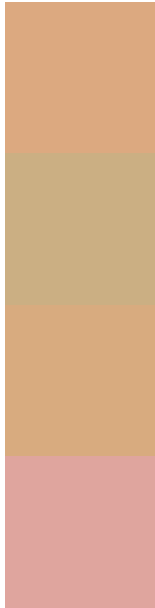
Dichromacy





Tritanopia
73, 24.816, 6.745

Trichromacy



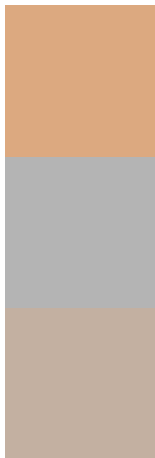
Original Color
73, 31.402, 64.576

Protanomaly
73, 26.597, 81.763

Deuteranomaly
73, 30.831, 69.698

Tritanomaly
73, 23.714, 30.467

Monochromacy



Original Color
73, 31.402, 64.576

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 11.046, 66.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.402, 64.576 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, 169, 128)` looks like.

```
.text, #text, p{  
    color:rgb(220, 169, 128)  
}
```

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, 169, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 169, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.402, 64.576 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, 169, 128) }
```

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

```
.border{ border-color:rgb(220, 169, 128) }
```

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

Here you see how a box with a 4 pixel rgb(220, 169, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 169, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 169, 128);  
box-shadow:4px 4px 4px 4px rgb(220, 169,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.402, 64.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 169, 128) }
```

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

```
.background{ background-color: rgb(220,  
169, 128) }
```

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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