

Converting Colors

CIELCh(73, 24.066, 59.301)

Have a look what the booklet for
CIELCh(73, 24.066, 59.301) contains.

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Color

CIELCh(73, 24.247, 58.699)

Conversions

Conversions Part 1

Format	Color
Hex	D7AA8E
RGB	215, 170, 142
RGB Percent	84%, 67%, 56%
CMY	0.1568, 0.3332, 0.4430
CMYK	0.00, 0.21, 0.34, 0.16
HSL	23°, 48%, 70%
HSV	23°, 34%, 84%
XYZ	47.2967, 45.1644, 31.8260
YIQ	180.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

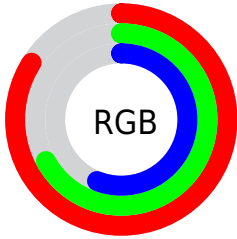
Format	Color
R _Y B	215, 187, 142
Decimal	14133902
CIE Lab	73.00, 12.60, 20.72
CIE LCh	73, 24.247, 58.699
Yxy	45.1644, 0.3805, 0.3634
Android (android.graphics.Color)	4292323982 (0xFFD7AA8E)
YUV	180.2630, -18.8637, 30.4643
Hunter-Lab	67.2044, 8.0156, 18.9652

Details

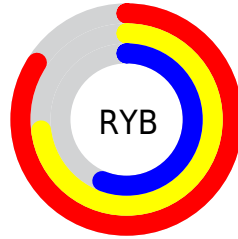
The CIELCh color **73, 24.247, 58.699** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 20.537, 246.637**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.942, 71.622**, and **53, 24.125, 58.556** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.470, 57.862**, and if you desaturate by 10%, it is **77, 16.536, 59.596**.

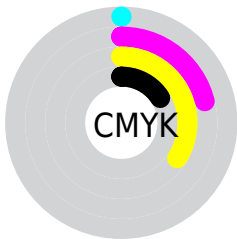
Distribution



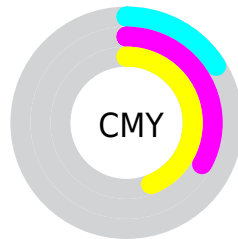
- Red (84%)
- Green (67%)
- Blue (56%)



- Red (84%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 24.247, 58.699 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, 24.247, 58.699 by changing the saturation by 10% instead.

 73, 24.247, 58.699

 73, 24.247, 58.699

 100, 24.247,
58.699

 63, 24.247, 58.699

 93, 24.247, 58.699

 53, 24.247, 58.699

 43, 24.247, 58.699

 33, 24.247, 58.699

 23, 24.247, 58.699

 13, 24.247, 58.699

 3, 24.247, 58.699

 0, 24.247, 58.699

 73, 24.247, 58.699

 73, 24.247, 58.699

69, 32.470, 57.862

77, 16.536, 59.596

66, 41.193, 57.071

81, 9.318, 60.510

63, 50.325, 56.313

84, 2.552, 61.335

59, 59.623, 55.520

88, 3.807, 242.621

57, 68.530, 54.507

92, 9.803, 243.514

54, 75.982, 52.893

96, 11.833,
212.450

52, 79.672, 51.690

97, 13.403,
198.611

Harmonies

Complementary

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



73, 24.247, 58.699



74, 20.537, 246.637

Rectangle

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



73, 24.247, 58.699



73, 24.247, 108.699



73, 24.247, 238.699



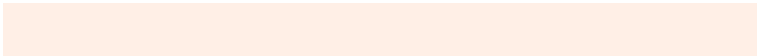
73, 24.247, 288.699

Sweetspot

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



73, 24.247, 58.706



96, 7.574, 60.858



68, 36.326, 340.650



50, 5.192, 60.731



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, 24.247, 58.706



82, 34.486, 58.073



82, 33.826, 101.305



43, 3.723, 60.918



42, 66.764, 52.302



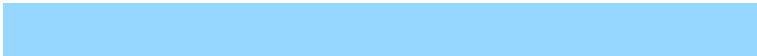
8, 17.518, 45.873

Inverse Universe

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



74, 20.537, 246.637



83, 27.993, 248.178



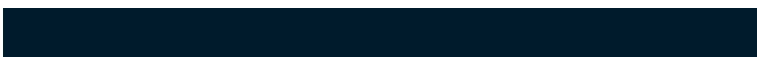
64, 36.004, 289.662



43, 3.579, 242.986



43, 42.053, 269.700



9, 14.501, 258.306

Previews

White Background



This preview shows how the CIELCh color 73, 24.247, 58.699 looks on a white background.

Color Contrast Check

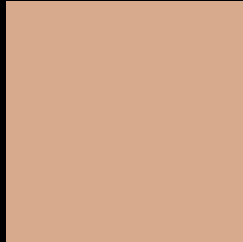
Large Text (above 18pt) WCAG AA × Fail

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, 24.247, 58.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

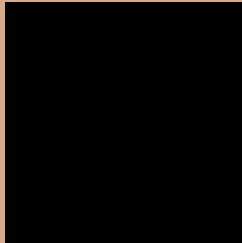
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 24.247, 58.699

Background



This preview shows how black text looks on a background with the CIELCh color 73, 24.247, 58.699.

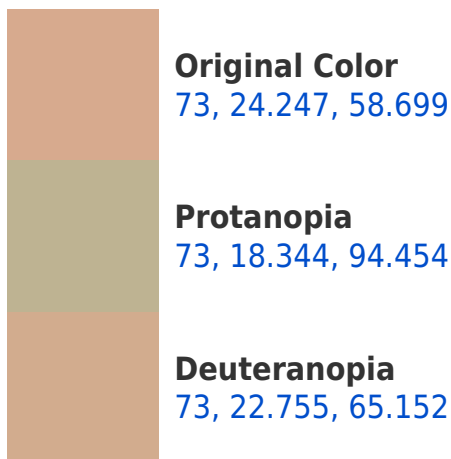


This preview shows how white text looks on a background with the CIELCh color 73, 24.247, 58.699.

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, 21.862, 2.827

Trichromacy



Original Color
73, 24.247, 58.699

Protanomaly
73, 19.253, 79.474

Deuteranomaly
73, 23.302, 62.155

Tritanomaly
73, 20.228, 24.189

Monochromacy



Original Color
73, 24.247, 58.699

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.540, 58.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 24.247, 58.699 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(215, 170, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 170, 142)  
}
```

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(215, 170, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 170, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 24.247, 58.699 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(215, 170, 142) }
```

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

```
.border{ border-color:rgb(215, 170, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 170, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 170, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 170, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 170,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 24.247, 58.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 170, 142) }
```

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

```
.background{ background-color: rgb(215,  
170, 142) }
```

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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