

Converting Colors

CIELCh(74, 24.067, 58.832)

Have a look what the booklet for
CIELCh(74, 24.067, 58.832) contains.

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Color

CIELCh(74, 24.148, 58.737)

Conversions

Conversions Part 1

Format	Color
Hex	DAAD91
RGB	218, 173, 145
RGB Percent	85%, 68%, 57%
CMY	0.1461, 0.3225, 0.4322
CMYK	0.00, 0.21, 0.34, 0.15
HSL	23°, 49%, 71%
HSV	23°, 34%, 85%
XYZ	48.8333, 46.7039, 33.1387
YIQ	183.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

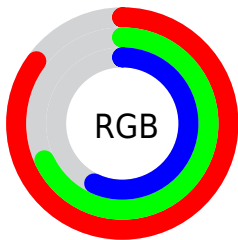
Format	Color
R _Y B	218, 190, 145
Decimal	14331281
CIE Lab	74.00, 12.53, 20.64
CIE LCh	74, 24.148, 58.737
Yxy	46.7039, 0.3795, 0.3630
Android (android.graphics.Color)	4292521361 (0xFFDAAD91)
YUV	183.2630, -18.8637, 30.4643
Hunter-Lab	68.3403, 7.9535, 19.0880

Details

The CIELCh color **74, 24.148, 58.737** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 20.501, 246.562**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 18.192, 74.529**, and **54, 24.394, 59.520** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.435, 57.898**, and if you desaturate by 10%, it is **78, 16.379, 59.636**.

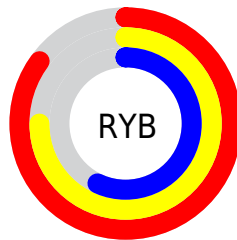
Distribution



Red (85%)

Green (68%)

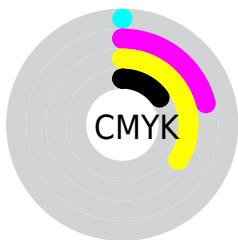
Blue (57%)



Red (85%)

Yellow (75%)

Blue (57%)

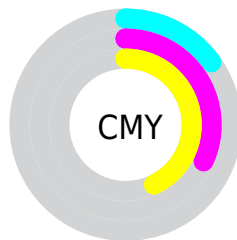


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (15%)



Cyan (15%)

Magenta (32%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 24.148, 58.737 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 74, 24.148, 58.737 by changing the saturation by 10% instead.

74, 24.148, 58.737

74, 24.148, 58.737

100, 24.148,
58.737

64, 24.148, 58.737

94, 24.148, 58.737

54, 24.148, 58.737

44, 24.148, 58.737

34, 24.148, 58.737

24, 24.148, 58.737

14, 24.148, 58.737

4, 24.148, 58.737

0, 24.148, 58.737

74, 24.148, 58.737

74, 24.148, 58.737

70, 32.435, 57.898

78, 16.379, 59.636

67, 41.228, 57.103

82, 9.106, 60.552

63, 50.441, 56.345

86, 2.289, 61.356

60, 59.835, 55.554

90, 4.117, 242.659

57, 68.865, 54.554

94, 10.160,
243.559

55, 76.472, 52.970

97, 11.966,
202.884

53, 80.450, 51.662

97, 12.528,
198.669

Harmonies

Complementary

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



74, 24.148, 58.737



75, 20.501, 246.562

Rectangle

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



74, 24.148, 58.737



74, 24.148, 108.737



74, 24.148, 238.737



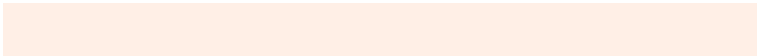
74, 24.148, 288.737

Sweetspot

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



74, 24.148, 58.744



96, 7.574, 60.861



69, 36.232, 340.611



50, 5.192, 60.734



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 24.148, 58.744



83, 33.530, 58.159



83, 33.741, 101.350



44, 3.796, 60.918



43, 67.524, 52.259



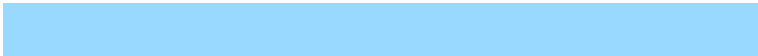
9, 18.828, 46.819

Inverse Universe

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



75, 20.501, 246.562



83, 27.378, 247.958



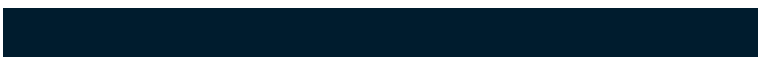
65, 35.879, 289.589



44, 3.649, 242.992



44, 42.554, 269.766



9, 15.124, 259.070

Previews

White Background



This preview shows how the CIELCh color 74, 24.148, 58.737 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 74, 24.148, 58.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

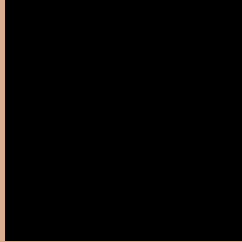
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 24.148, 58.737

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.148, 58.737.



This preview shows how white text looks on a background with the CIELCh color 74, 24.148, 58.737.

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

74, 24.148, 58.737

Protanopia

74, 18.288, 94.496

Deuteranopia

74, 23.081, 66.022



Tritanopia
74, 21.793, 2.786

Trichromacy



Original Color
74, 24.148, 58.737

Protanomaly
74, 19.668, 80.191

Deuteranomaly
74, 23.607, 63.052

Tritanomaly
74, 19.747, 24.189

Monochromacy



Original Color
74, 24.148, 58.737

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.510, 58.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 24.148, 58.737 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(218, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(218, 173, 145)  
}
```

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(218, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 173, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.148, 58.737 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(218, 173, 145) }
```

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

```
.border{ border-color:rgb(218, 173, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 173, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(218, 173,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.148, 58.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 173, 145) }
```

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

```
.background{ background-color: rgb(218,  
173, 145) }
```

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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