

Converting Colors

CIELCh(74, 19.515, 40.913)

Have a look what the booklet for
CIELCh(74, 19.515, 40.913) contains.

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Color

CIELCh(74, 19.460, 41.690)

Conversions

Conversions Part 1

Format	Color
Hex	D9AC9F
RGB	217, 172, 159
RGB Percent	85%, 67%, 62%
CMY	0.1494, 0.3258, 0.3768
CMYK	0.00, 0.21, 0.27, 0.15
HSL	13°, 43%, 74%
HSV	13°, 27%, 85%
XYZ	49.5685, 46.7039, 39.1597
YIQ	183.9730, 30.9930, 5.4970

Conversions

Conversions Part 2

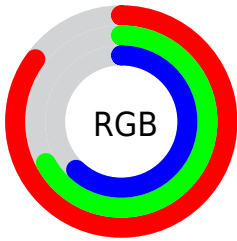
Format	Color
R _Y B	217, 176, 159
Decimal	14265503
CIE Lab	74.00, 14.53, 12.94
CIE LCh	74, 19.460, 41.690
Yxy	46.7039, 0.3660, 0.3449
Android (android.graphics.Color)	4292455583 (0xFFD9AC9F)
YUV	183.9730, -12.3117, 28.9647
Hunter-Lab	68.3403, 9.8740, 13.8644

Details

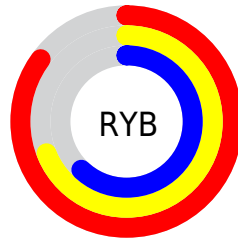
The CIELCh color $74, 19.460, 41.690$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 16.278, 223.836$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.410, 52.482$, and $54, 19.211, 41.909$ is the 20% darker color. If you saturate the color by 10%, you get $69, 27.871, 41.708$, and if you desaturate by 10%, it is $79, 11.688, 41.817$.

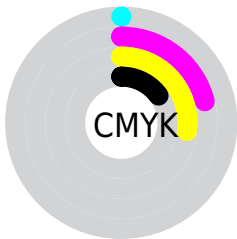
Distribution



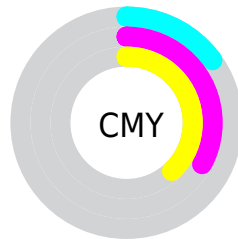
- Red (85%)
- Green (67%)
- Blue (62%)



- Red (85%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (15%)



- Cyan (15%)
- Magenta (33%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 19.460, 41.690 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, 19.460, 41.690 by changing the saturation by 10% instead.

 74, 19.460, 41.690

 74, 19.460, 41.690

 100, 19.460,
41.690

 64, 19.460, 41.690

 94, 19.460, 41.690

 54, 19.460, 41.690

 44, 19.460, 41.690

 34, 19.460, 41.690

 24, 19.460, 41.690

 14, 19.460, 41.690

 4, 19.460, 41.690

 0, 19.460, 41.690

 74, 19.460, 41.690

 74, 19.460, 41.690

69, 27.871, 41.708

79, 11.688, 41.817

65, 36.940, 41.887

83, 4.517, 41.985

61, 46.631, 42.264

88, 2.108, 222.708

57, 56.819, 42.841

93, 8.243, 222.891

54, 67.195, 43.546

97, 12.804,
198.651

51, 77.050, 44.128

49, 84.954, 44.018

48, 87.218, 44.016

Harmonies

Complementary

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



74, 19.460, 41.690



79, 16.278, 223.836

Rectangle

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



74, 19.460, 41.690



74, 19.460, 91.690



74, 19.460, 221.690



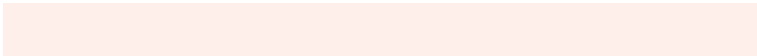
74, 19.460, 271.690

Sweetspot

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



74, 19.459, 41.698



96, 6.149, 41.969



72, 32.315, 332.855



50, 4.397, 41.944



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, 19.459, 41.698



83, 27.178, 41.685



81, 22.903, 91.587



44, 3.883, 41.947



39, 73.416, 44.421



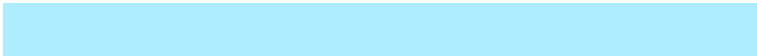
7, 20.632, 32.895

Inverse Universe

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



79, 16.278, 223.836



90, 21.781, 224.329



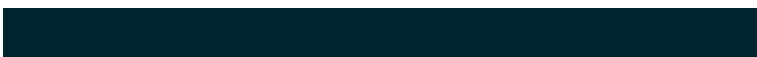
72, 23.120, 278.830



45, 3.666, 222.793



52, 33.399, 240.585



12, 13.137, 232.238

Previews

White Background



This preview shows how the CIELCh color 74, 19.460, 41.690 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, 19.460, 41.690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

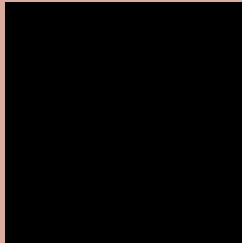
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 19.460, 41.690

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.460, 41.690.

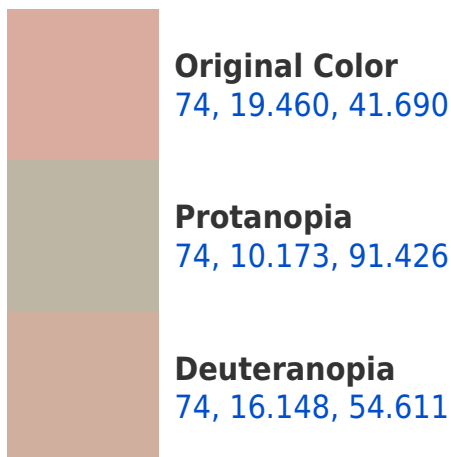


This preview shows how white text looks on a background with the CIELCh color 74, 19.460, 41.690.

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
74, 20.302, 1.186

Trichromacy



Original Color
74, 19.460, 41.690

Protanomaly
74, 12.262, 64.360

Deuteranomaly
74, 17.242, 50.222

Tritanomaly
74, 18.758, 14.515

Monochromacy



Original Color
74, 19.460, 41.690

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 6.679, 43.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.460, 41.690 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(217, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 172, 159)  
}
```

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(217, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 172, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.460, 41.690 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(217, 172, 159) }
```

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

```
.border{ border-color:rgb(217, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 172,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.460, 41.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 172, 159) }
```

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

```
.background{ background-color: rgb(217,  
172, 159) }
```

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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