

Converting Colors

CIELCh(74, 18.068, 30.745)

Have a look what the booklet for
CIELCh(74, 18.068, 30.745) contains.

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Color

CIELCh(74, 18.010, 29.411)

Conversions

Conversions Part 1

Format	Color
Hex	D8ABA6
RGB	216, 171, 166
RGB Percent	85%, 67%, 65%
CMY	0.1513, 0.3279, 0.3475
CMYK	0.00, 0.21, 0.23, 0.15
HSL	6°, 39%, 75%
HSV	6°, 23%, 85%
XYZ	49.9972, 46.7039, 42.6437
YIQ	183.8850, 28.4250, 7.9850

Conversions

Conversions Part 2

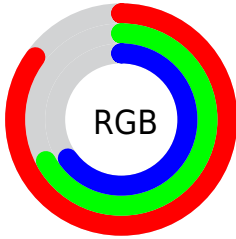
Format	Color
R _Y B	216, 172, 166
Decimal	14199718
CIE Lab	74.00, 15.69, 8.84
CIE LCh	74, 18.010, 29.411
Yxy	46.7039, 0.3588, 0.3352
Android (android.graphics.Color)	4292389798 (0xFFD8ABA6)
YUV	183.8850, -8.8173, 28.1649
Hunter-Lab	68.3403, 10.9938, 10.8418

Details

The CIELCh color **74, 18.010, 29.411** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 15.352, 208.399**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.985, 33.578**, and **54, 17.760, 30.489** is the 20% darker color. If you saturate the color by 10%, you get **69, 26.881, 30.093**, and if you desaturate by 10%, it is **79, 9.802, 28.932**.

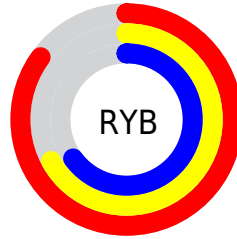
Distribution



Red (85%)

Green (67%)

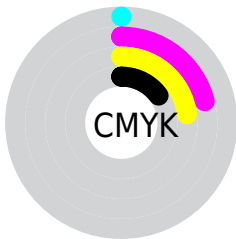
Blue (65%)



Red (85%)

Yellow (67%)

Blue (65%)

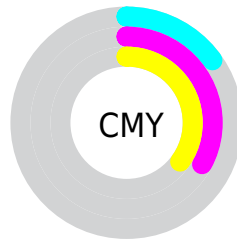


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (33%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 18.010, 29.411 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, 18.010, 29.411 by changing the saturation by 10% instead.

 74, 18.010, 29.411

 74, 18.010, 29.411

 100, 18.010,
29.411

 64, 18.010, 29.411

 94, 18.010, 29.411

 54, 18.010, 29.411

 44, 18.010, 29.411

 34, 18.010, 29.411

 24, 18.010, 29.411

 14, 18.010, 29.411

 4, 18.010, 29.411

 0, 18.010, 29.411

 74, 18.010, 29.411

 74, 18.010, 29.411

69, 26.881, 30.093

79, 9.802, 28.932

64, 36.410, 31.026

85, 2.234, 28.425

59, 46.525, 32.287

90, 4.745, 208.626

55, 57.069, 33.934

96, 11.192,
208.455

52, 67.747, 35.965

97, 12.959,
198.640

49, 77.990, 38.209

47, 86.557, 40.089

46, 90.880, 41.034

Harmonies

Complementary

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



74, 18.010, 29.411



82, 15.352, 208.399

Rectangle

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



74, 18.010, 29.411



74, 18.010, 79.411



74, 18.010, 209.411



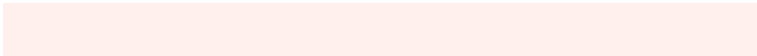
74, 18.010, 259.411

Sweetspot

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



74, 18.008, 29.419



96, 5.829, 28.678



74, 30.236, 328.610



51, 3.797, 28.706



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, 18.008, 29.419



83, 25.456, 29.737



80, 17.789, 82.413



42, 4.143, 28.779



36, 75.880, 41.227



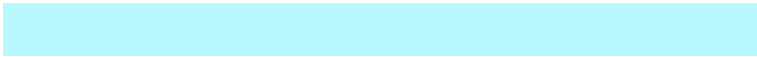
6, 20.633, 24.886

Inverse Universe

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



82, 15.352, 208.399



94, 20.846, 208.413



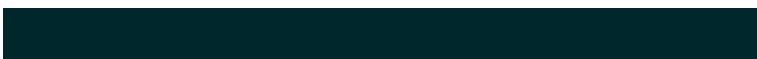
75, 17.340, 268.893



44, 3.898, 208.543



58, 33.074, 214.098



13, 13.173, 210.518

Previews

White Background



This preview shows how the CIELCh color 74, 18.010, 29.411 looks on a white background.

Color Contrast Check

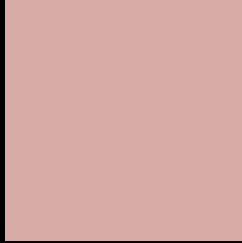
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 18.010, 29.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

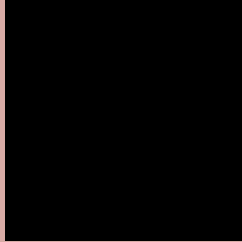
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.010, 29.411

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.010, 29.411.

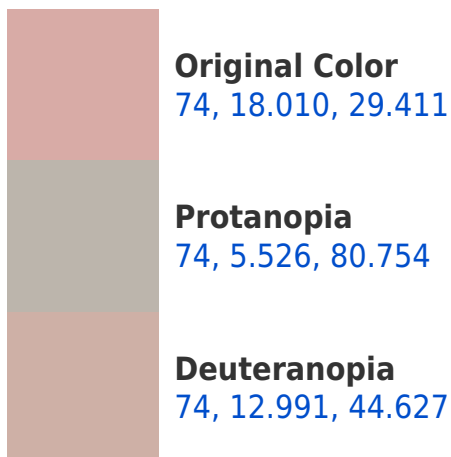



This preview shows how white text looks on a background with the CIELCh color 74, 18.010, 29.411.

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, 19.938, 0.756

Trichromacy



Original Color
74, 18.010, 29.411

Protanomaly
74, 8.867, 48.926

Deuteranomaly
74, 14.855, 37.265

Tritanomaly
74, 18.436, 11.013

Monochromacy



Original Color
74, 18.010, 29.411

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 6.482, 24.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.010, 29.411 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(216, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(216, 171, 166)  
}
```

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(216, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 171, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.010, 29.411 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(216, 171, 166) }
```

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

```
.border{ border-color:rgb(216, 171, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 171, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 171, 166);  
box-shadow:4px 4px 4px 4px rgb(216, 171,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.010, 29.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 171, 166) }
```

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

```
.background{ background-color: rgb(216,  
171, 166) }
```

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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