

Converting Colors

CIELCh(74, 18.884, 69.071)

Have a look what the booklet for
CIELCh(74, 18.884, 69.071) contains.

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Color

CIELCh(74, 18.808, 70.165)

Conversions

Conversions Part 1

Format	Color
Hex	CEB196
RGB	206, 177, 150
RGB Percent	81%, 69%, 59%
CMY	0.1926, 0.3063, 0.4122
CMYK	0.00, 0.14, 0.27, 0.19
HSL	29°, 36%, 70%
HSV	29°, 27%, 81%
XYZ	46.6177, 46.7039, 35.3664
YIQ	182.5930, 25.9510, -2.2490

Conversions

Conversions Part 2

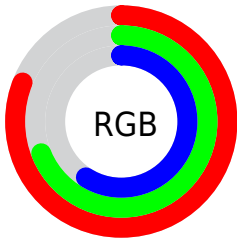
Format	Color
R _Y B	206, 202, 150
Decimal	13545878
CIE Lab	74.00, 6.38, 17.69
CIE LCh	74, 18.808, 70.165
Yxy	46.7039, 0.3623, 0.3629
Android (android.graphics.Color)	4291735958 (0xFFCEB196)
YUV	182.5930, -16.0683, 20.5279
Hunter-Lab	68.3403, 2.1667, 17.1554

Details

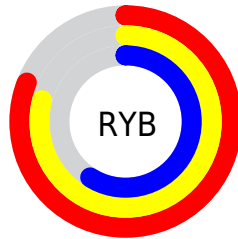
The CIELCh color $74, 18.808, 70.165$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 17.319, 257.573$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.079, 79.854$, and $54, 18.796, 69.235$ is the 20% darker color. If you saturate the color by 10%, you get $71, 26.385, 68.957$, and if you desaturate by 10%, it is $77, 11.596, 71.377$.

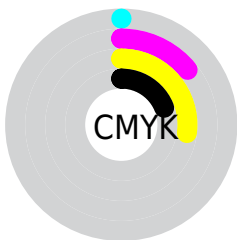
Distribution



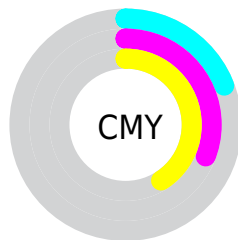
- Red (81%)
- Green (69%)
- Blue (59%)



- Red (81%)
- Yellow (79%)
- Blue (59%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 18.808, 70.165 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, 18.808, 70.165 by changing the saturation by 10% instead.

■ 74, 18.808, 70.165

■ 74, 18.808, 70.165

■ 100, 18.808,
70.165

■ 64, 18.808, 70.165

■ 94, 18.808, 70.165

■ 54, 18.808, 70.165

■ 44, 18.808, 70.165

■ 34, 18.808, 70.165

■ 24, 18.808, 70.165

■ 14, 18.808, 70.165

■ 4, 18.808, 70.165

■ 0, 18.808, 70.165

■ 74, 18.808, 70.165

■ 74, 18.808, 70.165

71, 26.385, 68.957

77, 11.596, 71.377

68, 34.319, 67.736

80, 4.732, 72.534

65, 42.552, 66.501

84, 1.812, 254.016

62, 50.926, 65.214

87, 8.068, 255.007

60, 59.093, 63.781

90, 14.066,
256.109

57, 66.371, 61.993

93, 13.502,
231.674

55, 71.810, 59.533

54, 73.223, 58.852

96, 15.182,
205.303

97, 16.288,
198.424

Harmonies

Complementary

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



74, 18.808, 70.165



72, 17.319, 257.573

Rectangle

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



74, 18.808, 70.165



74, 18.808, 120.165



74, 18.808, 250.165



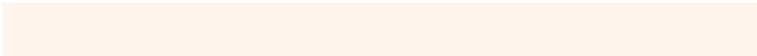
74, 18.808, 300.165

Sweetspot

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



74, 18.808, 70.173



97, 6.273, 72.435



68, 26.620, 344.283



51, 4.476, 72.264



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, 18.808, 70.173



87, 27.582, 69.418



81, 28.401, 106.115



41, 3.723, 72.290



44, 62.102, 59.485



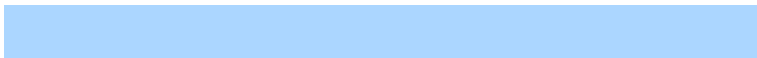
8, 14.363, 55.586

Inverse Universe

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



72, 17.319, 257.573



84, 24.860, 258.810



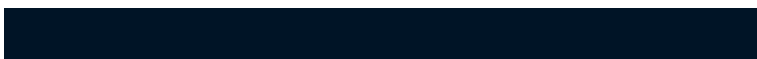
64, 30.172, 292.149



41, 3.634, 254.731



37, 50.079, 281.860



6, 14.814, 269.536

Previews

White Background



This preview shows how the CIELCh color 74, 18.808, 70.165 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, 18.808, 70.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

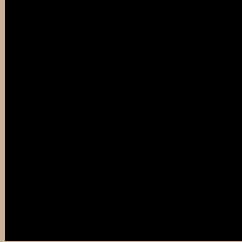
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.808, 70.165

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.808, 70.165.



This preview shows how white text looks on a background with the CIELCh color 74, 18.808, 70.165.

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, 18.808, 70.165

Protanopia

74, 16.624, 94.739

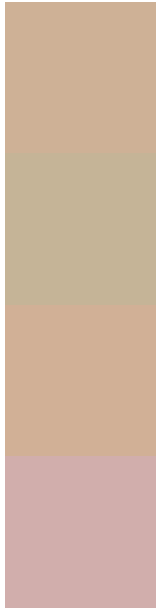
Deuteranopia

74, 20.047, 62.076



Tritanopia
74, 15.981, 354.876

Trichromacy



Original Color
74, 18.808, 70.165

Protanomaly
74, 17.072, 85.114

Deuteranomaly
74, 19.520, 65.556

Tritanomaly
74, 13.650, 25.021

Monochromacy



Original Color
74, 18.808, 70.165

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.844, 71.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.808, 70.165 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(206, 177, 150)` looks like.

```
.text, #text, p{  
    color:rgb(206, 177, 150)  
}
```

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(206, 177, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 177, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.808, 70.165 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(206, 177, 150) }
```

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

```
.border{ border-color:rgb(206, 177, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 177, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 177, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 177, 150);  
box-shadow:4px 4px 4px 4px rgb(206, 177,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.808, 70.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 177, 150) }
```

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

```
.background{ background-color: rgb(206,  
177, 150) }
```

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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