

Converting Colors

CIELCh(74, 18.985, 68.250)

Have a look what the booklet for
CIELCh(74, 18.985, 68.250) contains.

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Color

CIELCh(74, 18.948, 67.324)

Conversions

Conversions Part 1

Format	Color
Hex	CFB096
RGB	207, 176, 150
RGB Percent	81%, 69%, 59%
CMY	0.1869, 0.3085, 0.4105
CMYK	0.00, 0.15, 0.28, 0.19
HSL	27°, 37%, 70%
HSV	27°, 28%, 81%
XYZ	46.9459, 46.7039, 35.5278
YIQ	182.3050, 26.8220, -1.5140

Conversions

Conversions Part 2

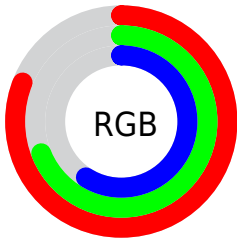
Format	Color
R_{YB}	207, 198, 150
Decimal	13611158
CIE _{Lab}	74.00, 7.30, 17.48
CIE _{LCh}	74, 18.948, 67.324
Yxy	46.7039, 0.3634, 0.3615
Android (android.graphics.Color)	4291801238 (0xFFCFB096)
YUV	182.3050, -15.9264, 21.6575
Hunter-Lab	68.3403, 3.0238, 17.0153

Details

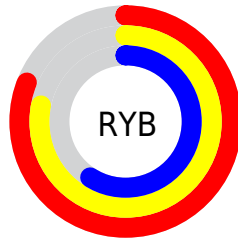
The CIELCh color $74, 18.948, 67.324$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 17.211, 254.586$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 16.838, 77.938$, and $54, 19.093, 68.226$ is the 20% darker color. If you saturate the color by 10%, you get $71, 26.565, 66.186$, and if you desaturate by 10%, it is $77, 11.731, 68.478$.

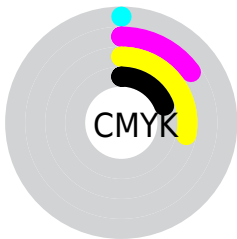
Distribution



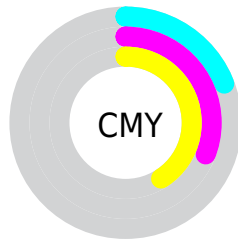
- Red (81%)
- Green (69%)
- Blue (59%)



- Red (81%)
- Yellow (78%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (19%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 18.948, 67.324 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, 18.948, 67.324 by changing the saturation by 10% instead.

 74, 18.948, 67.324

 74, 18.948, 67.324

 100, 18.948,
67.324

 64, 18.948, 67.324

 94, 18.948, 67.324

 54, 18.948, 67.324

 44, 18.948, 67.324

 34, 18.948, 67.324

 24, 18.948, 67.324

 14, 18.948, 67.324

 4, 18.948, 67.324

 0, 18.948, 67.324

 74, 18.948, 67.324

 74, 18.948, 67.324

71, 26.565, 66.186

77, 11.731, 68.478

68, 34.579, 65.047

81, 4.893, 69.585

65, 42.940, 63.908

84, 1.598, 251.072

62, 51.495, 62.730

88, 7.778, 251.991

59, 59.897, 61.415

91, 13.682,
253.064

56, 67.453, 59.740

94, 13.268,
224.170

54, 73.188, 57.378

53, 74.535, 56.810

97, 15.834,
198.453

Harmonies

Complementary

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



74, 18.948, 67.324



72, 17.211, 254.586

Rectangle

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



74, 18.948, 67.324



74, 18.948, 117.324



74, 18.948, 247.324



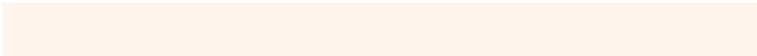
74, 18.948, 297.324

Sweetspot

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



74, 18.948, 67.332



97, 6.183, 69.523



68, 27.365, 343.421



51, 4.412, 69.360



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, 18.948, 67.332



87, 27.337, 66.656



81, 28.426, 105.326



42, 3.746, 69.382



44, 63.574, 57.410



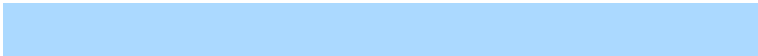
8, 15.774, 53.230

Inverse Universe

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



72, 17.211, 254.586



85, 24.254, 255.742



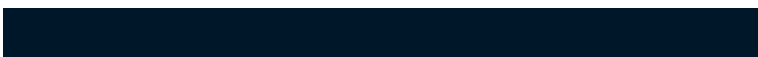
65, 30.152, 291.520



42, 3.641, 251.760



39, 48.098, 279.061



7, 15.266, 267.567

Previews

White Background



This preview shows how the CIELCh color 74, 18.948, 67.324 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, 18.948, 67.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

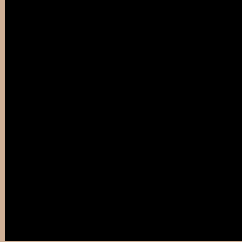
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

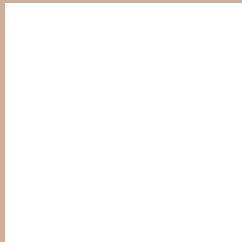
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 18.948, 67.324

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.948, 67.324.



This preview shows how white text looks on a background with the CIELCh color 74, 18.948, 67.324.

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, 18.948, 67.324

Protanopia

74, 16.101, 94.358

Deuteranopia

74, 19.659, 61.027



Tritanopia
74, 16.898, 354.448

Trichromacy



Original Color
74, 18.948, 67.324

Protanomaly
74, 16.749, 83.204

Deuteranomaly
74, 19.347, 61.818

Tritanomaly
74, 14.398, 22.736

Monochromacy



Original Color
74, 18.948, 67.324

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.836, 71.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.948, 67.324 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(207, 176, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 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(207, 176, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.948, 67.324 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(207, 176, 150) }
```

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

```
.border{ border-color:rgb(207, 176, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 176, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.948, 67.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 150) }
```

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

```
.background{ background-color: rgb(207,  
176, 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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