

Converting Colors

CIELCh(74, 18.932, 74.889)

Have a look what the booklet for
CIELCh(74, 18.932, 74.889) contains.

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Color

CIELCh(74, 18.932, 74.889)

Conversions

Conversions Part 1

Format	Color
Hex	CCB295
RGB	204, 178, 149
RGB Percent	80%, 70%, 58%
CMY	0.2010, 0.3029, 0.4166
CMYK	0.00, 0.13, 0.27, 0.20
HSL	32°, 35%, 69%
HSV	32°, 27%, 80%
XYZ	46.1066, 46.7039, 34.9167
YIQ	182.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

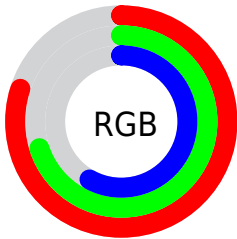
Format	Color
R _Y B	198, 204, 149
Decimal	13415061
CIE Lab	74.00, 4.94, 18.28
CIE LCh	74, 18.932, 74.889
Yxy	46.7039, 0.3610, 0.3657
Android (android.graphics.Color)	4291605141 (0xFFCCB295)
YUV	182.4680, -16.4997, 18.8836
Hunter-Lab	68.3403, 0.8317, 17.5455

Details

The CIELCh color $74, 18.932, 74.889$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 17.813, 262.488$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 17.803, 82.395$, and $54, 18.885, 74.264$ is the 20% darker color. If you saturate the color by 10%, you get $71, 26.503, 73.595$, and if you desaturate by 10%, it is $77, 11.666, 76.172$.

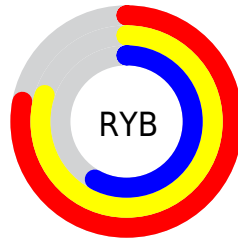
Distribution



Red (80%)

Green (70%)

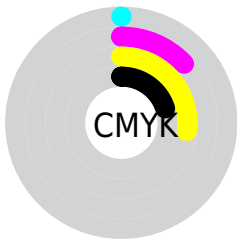
Blue (58%)



Red (78%)

Yellow (80%)

Blue (58%)

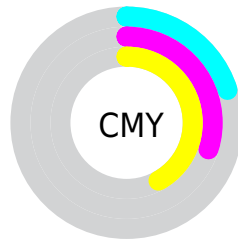


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (20%)



Cyan (20%)

Magenta (30%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 18.932, 74.889 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, 18.932, 74.889 by changing the saturation by 10% instead.

■ 74, 18.932, 74.889

■ 74, 18.932, 74.889

■ 100, 18.932,
74.889

■ 64, 18.932, 74.889

■ 94, 18.932, 74.889

■ 54, 18.932, 74.889

■ 44, 18.932, 74.889

■ 34, 18.932, 74.889

■ 24, 18.932, 74.889

■ 14, 18.932, 74.889

■ 4, 18.932, 74.889

■ 0, 18.932, 74.889

■ 74, 18.932, 74.889

■ 74, 18.932, 74.889

71, 26.503, 73.595

77, 11.666, 76.172

68, 34.359, 72.270

80, 4.696, 77.389

66, 42.428, 70.913

83, 1.997, 258.869

63, 50.535, 69.486

86, 8.437, 259.927

61, 58.315, 67.900

89, 14.651,
261.060

58, 65.094, 65.968

92, 14.322,
243.876

56, 69.978, 63.405

55, 71.312, 62.627

94, 14.449,
219.257

97, 16.879,
198.755

97, 16.952,
198.381

Harmonies

Complementary

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



74, 18.932, 74.889



70, 17.813, 262.488

Rectangle

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



74, 18.932, 74.889



74, 18.932, 124.889



74, 18.932, 254.889



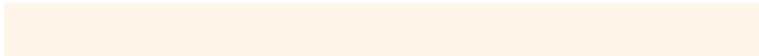
74, 18.932, 304.889

Sweetspot

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



74, 18.932, 74.897



97, 6.467, 77.260



68, 25.395, 347.059



51, 4.612, 77.079



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, 18.932, 74.897



89, 27.248, 74.192



81, 28.847, 108.303



41, 3.837, 77.107



46, 61.025, 63.221



8, 14.376, 61.404

Inverse Universe

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



70, 17.813, 262.488



84, 25.286, 263.571



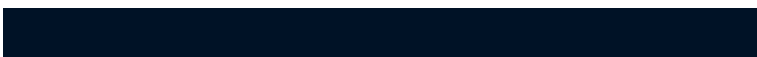
64, 30.763, 293.962



41, 3.769, 259.619



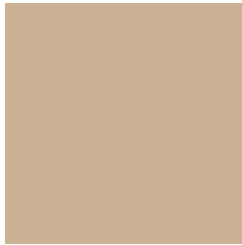
34, 54.773, 286.260



5, 15.664, 273.499

Previews

White Background



This preview shows how the CIELCh color 74, 18.932, 74.889 looks on a white background.

Color Contrast Check

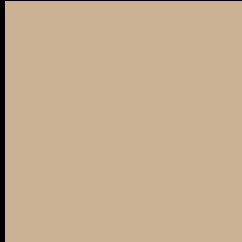
Large Text (above 18pt) WCAG AA × Fail

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, 18.932, 74.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

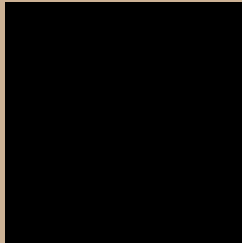
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.932, 74.889

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.932, 74.889.



This preview shows how white text looks on a background with the CIELCh color 74, 18.932, 74.889.

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, 18.932, 74.889

Protanopia

74, 17.146, 95.092

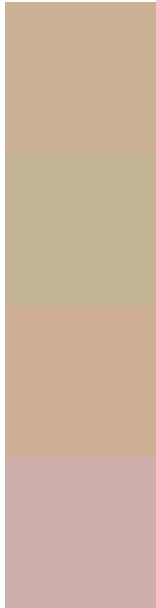
Deuteranopia

74, 20.442, 63.083



Tritanopia
74, 14.944, 352.802

Trichromacy



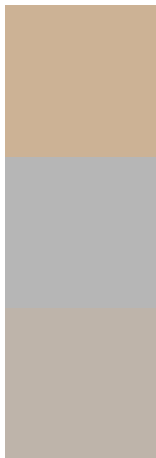
Original Color
74, 18.932, 74.889

Protanomaly
74, 17.414, 86.952

Deuteranomaly
74, 19.651, 67.389

Tritanomaly
74, 12.139, 27.980

Monochromacy



Original Color
74, 18.932, 74.889

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.611, 74.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.932, 74.889 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(204, 178, 149)` looks like.

```
.text, #text, p{  
    color:rgb(204, 178, 149)  
}
```

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(204, 178, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 178, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.932, 74.889 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(204, 178, 149) }
```

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

```
.border{ border-color:rgb(204, 178, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 178, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 178, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 178, 149);  
box-shadow:4px 4px 4px 4px rgb(204, 178,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.932, 74.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 178, 149) }
```

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

```
.background{ background-color: rgb(204,  
178, 149) }
```

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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