

Converting Colors

CIELCh(74, 21.130, 75.230)

Have a look what the booklet for
CIELCh(74, 21.130, 75.230) contains.

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Color

CIELCh(74, 21.047, 74.273)

Conversions

Conversions Part 1

Format	Color
Hex	CEB191
RGB	206, 177, 145
RGB Percent	81%, 69%, 57%
CMY	0.1915, 0.3052, 0.4307
CMYK	0.00, 0.14, 0.30, 0.19
HSL	31°, 38%, 69%
HSV	31°, 30%, 81%
XYZ	46.3781, 46.7039, 33.4222
YIQ	182.0230, 27.5560, -3.8040

Conversions

Conversions Part 2

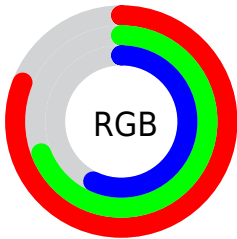
Format	Color
RYB	200, 206, 145
Decimal	13545873
CIELab	74.00, 5.70, 20.26
CIELCh	74, 21.047, 74.273
Yxy	46.7039, 0.3666, 0.3692
Android (android.graphics.Color)	4291735953 (0xFFCEB191)
YUV	182.0230, -18.2523, 21.0278
Hunter-Lab	68.3403, 1.5407, 18.8421

Details

The CIELCh color $74, 21.047, 74.273$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 19.645, 262.711$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 19.391, 83.189$, and $54, 21.369, 75.236$ is the 20% darker color. If you saturate the color by 10%, you get $71, 28.766, 72.976$, and if you desaturate by 10%, it is $77, 13.638, 75.561$.

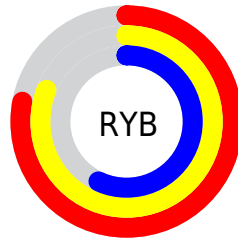
Distribution



Red (81%)

Green (69%)

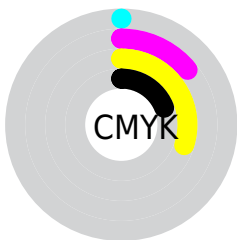
Blue (57%)



Red (78%)

Yellow (81%)

Blue (57%)

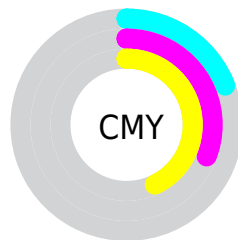


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (19%)



Cyan (19%)

Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 21.047, 74.273 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, 21.047, 74.273 by changing the saturation by 10% instead.

■ 74, 21.047, 74.273

■ 74, 21.047, 74.273

■ 100, 21.047,
74.273

■ 64, 21.047, 74.273

■ 94, 21.047, 74.273

■ 54, 21.047, 74.273

■ 44, 21.047, 74.273

■ 34, 21.047, 74.273

■ 24, 21.047, 74.273

■ 14, 21.047, 74.273

■ 4, 21.047, 74.273

■ 0, 21.047, 74.273

■ 74, 21.047, 74.273

■ 74, 21.047, 74.273

71, 28.766, 72.976

77, 13.638, 75.561

68, 36.765, 71.648

80, 6.535, 76.800

66, 44.951, 70.283

83, 0.280, 259.364

63, 53.109, 68.832

86, 6.831, 259.346

61, 60.799, 67.184

89, 13.144,
260.482

58, 67.244, 65.115

92, 13.727,
245.005

56, 71.841, 62.462

56, 72.029, 62.361

94, 13.827,
218.843

97, 16.199,
198.429

Harmonies

Complementary

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



74, 21.047, 74.273



70, 19.645, 262.711

Rectangle

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



74, 21.047, 74.273



74, 21.047, 124.273



74, 21.047, 254.273



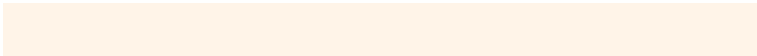
74, 21.047, 304.273

Sweetspot

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



74, 21.047, 74.280



97, 7.278, 76.857



67, 28.154, 347.351



51, 5.073, 76.681



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, 21.047, 74.280



87, 30.875, 73.389



81, 31.884, 108.058



41, 3.829, 76.824



45, 61.082, 62.987



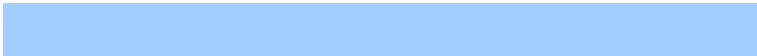
8, 14.371, 61.049

Inverse Universe

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



70, 19.645, 262.711



82, 28.307, 264.159



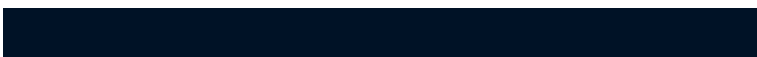
62, 34.250, 294.345



41, 3.761, 259.333



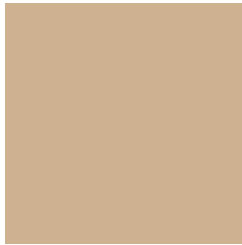
35, 54.482, 286.012



5, 15.612, 273.279

Previews

White Background



This preview shows how the CIELCh color 74, 21.047, 74.273 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, 21.047, 74.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

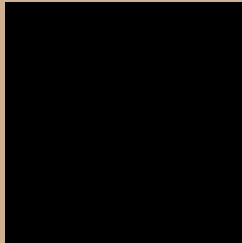
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

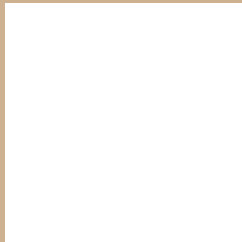
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 21.047, 74.273

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.047, 74.273.

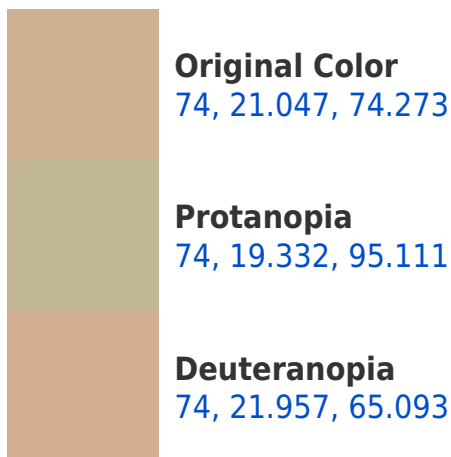


This preview shows how white text looks on a background with the CIELCh color 74, 21.047, 74.273.

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, 16.326, 355.512

Trichromacy



Original Color
74, 21.047, 74.273

Protanomaly
74, 19.738, 86.720

Deuteranomaly
74, 21.487, 68.338

Tritanomaly
74, 13.736, 27.231

Monochromacy



Original Color
74, 21.047, 74.273

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.282, 73.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.047, 74.273 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(206, 177, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 177, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.047, 74.273 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, 145) }
```

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

```
.border{ border-color:rgb(206, 177, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 177, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 177, 145);  
box-shadow:4px 4px 4px 4px rgb(206, 177,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.047, 74.273 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, 145) }
```

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

```
.background{ background-color: rgb(206,  
177, 145) }
```

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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