

Converting Colors

CIELCh(74, 21.240, 87.890)

Have a look what the booklet for
CIELCh(74, 21.240, 87.890) contains.

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Color

CIELCh(74, 21.254, 88.069)

Conversions

Conversions Part 1

Format	Color
Hex	C6B48F
RGB	198, 180, 143
RGB Percent	78%, 71%, 56%
CMY	0.2230, 0.2936, 0.4387
CMYK	0.00, 0.09, 0.28, 0.22
HSL	40°, 33%, 67%
HSV	40°, 28%, 78%
XYZ	44.6370, 46.7039, 32.6970
YIQ	181.1640, 22.6050, -7.6910

Conversions

Conversions Part 2

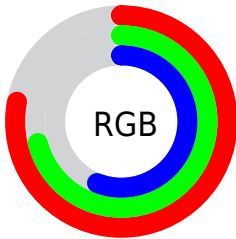
Format	Color
RYB	170, 198, 143
Decimal	13022351
CIELab	74.00, 0.72, 21.24
CIELCh	74, 21.254, 88.069
Yxy	46.7039, 0.3599, 0.3765
Android (android.graphics.Color)	4291212431 (0xFFC6B48F)
YUV	181.1640, -18.8149, 14.7652
Hunter-Lab	68.3403, -3.0068, 19.4712

Details

The CIELCh color **74, 21.254, 88.069** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 21.168, 275.788**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.268, 88.660**, and **54, 21.297, 88.218** is the 20% darker color. If you saturate the color by 10%, you get **72, 29.162, 86.732**, and if you desaturate by 10%, it is **76, 13.464, 89.377**.

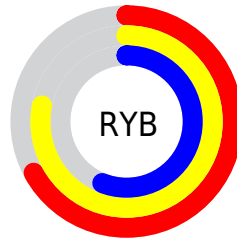
Distribution



Red (78%)

Green (71%)

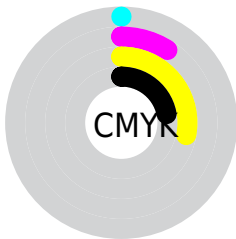
Blue (56%)



Red (67%)

Yellow (78%)

Blue (56%)

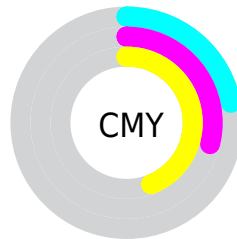


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (29%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 21.254, 88.069 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, 21.254, 88.069 by changing the saturation by 10% instead.

 74, 21.254, 88.069

 74, 21.254, 88.069

 100, 21.254,
88.069

 64, 21.254, 88.069

 94, 21.254, 88.069

 54, 21.254, 88.069

 44, 21.254, 88.069

 34, 21.254, 88.069

 24, 21.254, 88.069

 14, 21.254, 88.069

 4, 21.254, 88.069

 0, 21.254, 88.069

 74, 21.254, 88.069

 74, 21.254, 88.069

72, 29.162, 86.732

76, 13.464, 89.377

70, 37.118, 85.347

78, 5.820, 90.620

68, 44.987, 83.914

80, 1.671, 272.021

66, 52.512, 82.406

83, 9.009, 273.078

64, 59.245, 80.765

85, 16.202,
274.187

63, 64.500, 78.876

87, 19.828,
271.629

61, 67.656, 76.591

61, 68.274, 76.073

89, 17.537,
260.744

90, 16.027,
247.365

92, 15.507,
232.326

Harmonies

Complementary

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



74, 21.254, 88.069



66, 21.168, 275.788

Rectangle

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



74, 21.254, 88.069



74, 21.254, 138.069



74, 21.254, 268.069



74, 21.254, 318.069

Sweetspot

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



74, 21.255, 88.075



98, 7.364, 90.577



65, 23.618, 356.636



52, 5.243, 90.393



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, 21.255, 88.075



91, 31.168, 87.310



78, 29.256, 114.699



41, 4.273, 90.425



51, 59.144, 76.506



9, 14.041, 79.398

Inverse Universe

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



66, 21.168, 275.788



80, 31.030, 276.894



62, 31.150, 299.117



39, 4.275, 272.859



27, 70.039, 296.596



3, 16.745, 281.221

Previews

White Background



This preview shows how the CIELCh color 74, 21.254, 88.069 looks on a white background.

Color Contrast Check

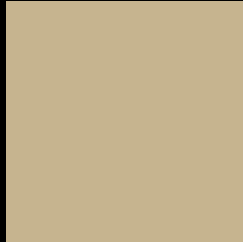
Large Text (above 18pt) WCAG AA × Fail

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, 21.254, 88.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

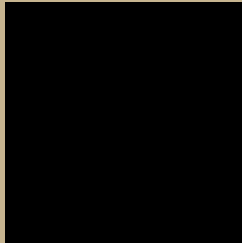
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 21.254, 88.069

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.254, 88.069.



This preview shows how white text looks on a background with the CIELCh color 74, 21.254, 88.069.

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, 21.254, 88.069

Protanopia

74, 20.992, 94.812

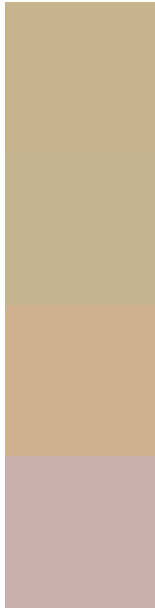
Deuteranopia

74, 22.790, 66.770



Tritanopia
74, 13.250, 345.798

Trichromacy



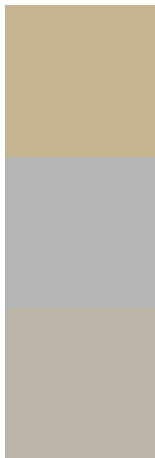
Original Color
74, 21.254, 88.069

Protanomaly
74, 20.826, 91.253

Deuteranomaly
74, 21.747, 74.086

Tritanomaly
74, 9.903, 32.674

Monochromacy



Original Color
74, 21.254, 88.069

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.886, 92.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.254, 88.069 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(198, 180, 143)` looks like.

```
.text, #text, p{  
    color:rgb(198, 180, 143)  
}
```

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(198, 180, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 180, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.254, 88.069 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(198, 180, 143) }
```

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

```
.border{ border-color:rgb(198, 180, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 180, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 180, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 180, 143);  
box-shadow:4px 4px 4px 4px rgb(198, 180,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.254, 88.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 180, 143) }
```

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

```
.background{ background-color: rgb(198,  
180, 143) }
```

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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