

Converting Colors

CIELCh(74, 13.939, 70.262)

Have a look what the booklet for
CIELCh(74, 13.939, 70.262) contains.

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Color

CIELCh(74, 13.922, 70.274)

Conversions

Conversions Part 1

Format	Color
Hex	C8B29E
RGB	200, 178, 158
RGB Percent	78%, 70%, 62%
CMY	0.2149, 0.3012, 0.3796
CMYK	0.00, 0.11, 0.21, 0.21
HSL	29°, 28%, 70%
HSV	29°, 21%, 79%
XYZ	46.0234, 46.7039, 39.0259
YIQ	182.2980, 19.5320, -1.5560

Conversions

Conversions Part 2

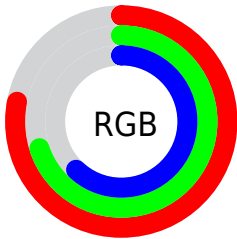
Format	Color
RYB	200, 196, 158
Decimal	13152926
CIELab	74.00, 4.70, 13.11
CIELCh	74, 13.922, 70.274
Yxy	46.7039, 0.3493, 0.3545
Android (android.graphics.Color)	4291343006 (0xFFC8B29E)
YUV	182.2980, -11.9789, 15.5247
Hunter-Lab	68.3403, 0.6144, 13.9805

Details

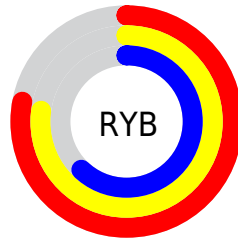
The CIELCh color `74, 13.922, 70.274` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 13.063, 255.783`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 13.329, 73.349`, and `54, 13.800, 68.086` is the 20% darker color. If you saturate the color by 10%, you get `71, 21.095, 69.090`, and if you desaturate by 10%, it is `77, 7.104, 71.455`.

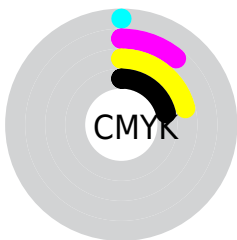
Distribution



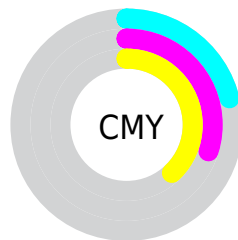
- Red (78%)
- Green (70%)
- Blue (62%)



- Red (78%)
- Yellow (77%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 13.922, 70.274 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, 13.922, 70.274 by changing the saturation by 10% instead.

■ 74, 13.922, 70.274

■ 74, 13.922, 70.274

■ 100, 13.922,
70.274

■ 64, 13.922, 70.274

■ 94, 13.922, 70.274

■ 54, 13.922, 70.274

■ 44, 13.922, 70.274

■ 34, 13.922, 70.274

■ 24, 13.922, 70.274

■ 14, 13.922, 70.274

■ 4, 13.922, 70.274

■ 0, 13.922, 70.274

■ 74, 13.922, 70.274

■ 74, 13.922, 70.274

71, 21.095, 69.090

77, 7.104, 71.455

68, 28.632, 67.889

80, 0.614, 72.062

65, 36.514, 66.686

84, 5.578, 253.920

62, 44.657, 65.462

87, 11.503,
255.013

59, 52.857, 64.165

90, 15.870,
252.205

57, 60.673, 62.664

54, 67.298, 60.695

93, 15.037,
227.284

52, 71.871, 58.455

96, 16.953,
204.326

96, 18.038,
198.312

Harmonies

Complementary

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



74, 13.922, 70.274



72, 13.063, 255.783

Rectangle

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



74, 13.922, 70.274



74, 13.922, 120.274



74, 13.922, 250.274



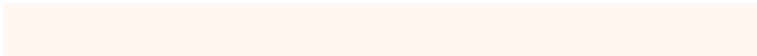
74, 13.922, 300.274

Sweetspot

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



74, 13.922, 70.284



98, 4.663, 71.991



70, 20.007, 343.666



52, 3.099, 71.923



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, 13.922, 70.284



90, 20.416, 69.763



79, 21.477, 106.740



40, 3.634, 71.636



43, 61.540, 59.063



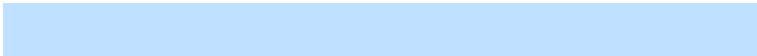
7, 12.954, 54.654

Inverse Universe

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



72, 13.063, 255.783



88, 18.870, 256.541



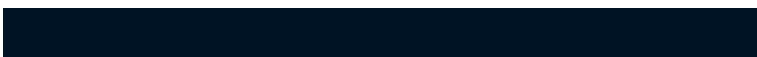
67, 22.469, 291.249



40, 3.543, 254.056



36, 48.861, 281.166



5, 13.638, 268.163

Previews

White Background



This preview shows how the CIELCh color 74, 13.922, 70.274 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, 13.922, 70.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

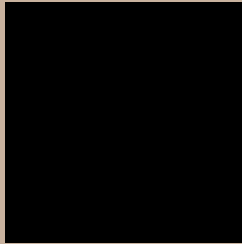
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

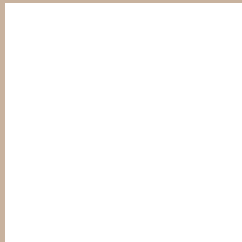
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 13.922, 70.274

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.922, 70.274.



This preview shows how white text looks on a background with the CIELCh color 74, 13.922, 70.274.

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, 13.922, 70.274

Protanopia

74, 11.850, 91.752

Deuteranopia

74, 15.818, 53.106



Tritanopia
74, 13.561, 346.755

Trichromacy



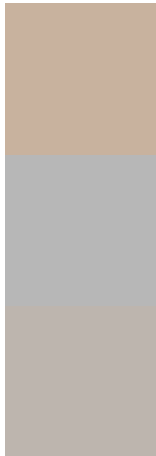
Original Color
74, 13.922, 70.274

Protanomaly
74, 12.602, 83.099

Deuteranomaly
74, 14.807, 58.127

Tritanomaly
74, 10.355, 17.272

Monochromacy



Original Color
74, 13.922, 70.274

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.834, 70.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.922, 70.274 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(200, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(200, 178, 158)  
}
```

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(200, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 178, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.922, 70.274 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(200, 178, 158) }
```

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

```
.border{ border-color:rgb(200, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(200, 178,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.922, 70.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 178, 158) }
```

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

```
.background{ background-color: rgb(200,  
178, 158) }
```

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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