

Converting Colors

CIELCh(74, 12.446, 23.137)

Have a look what the booklet for
CIELCh(74, 12.446, 23.137) contains.

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Color

CIELCh(74, 12.793, 22.858)

Conversions

Conversions Part 1

Format	Color
Hex	CFAEAD
RGB	207, 174, 173
RGB Percent	81%, 68%, 68%
CMY	0.1872, 0.3166, 0.3205
CMYK	0.00, 0.16, 0.16, 0.19
HSL	2°, 26%, 75%
HSV	2°, 16%, 81%
XYZ	48.5617, 46.7039, 46.1218
YIQ	183.7530, 19.9890, 6.6850

Conversions

Conversions Part 2

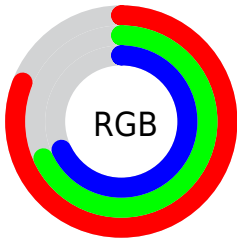
Format	Color
R _Y B	207, 174, 173
Decimal	13610669
CIE Lab	74.00, 11.79, 4.97
CIE LCh	74, 12.793, 22.858
Yxy	46.7039, 0.3435, 0.3303
Android (android.graphics.Color)	4291800749 (0xFFCFAEAD)
YUV	183.7530, -5.3012, 20.3876
Hunter-Lab	68.3403, 7.2443, 7.8243

Details

The CIELCh color **74, 12.793, 22.858** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 11.487, 201.291**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.156, 26.385**, and **54, 12.492, 23.367** is the 20% darker color. If you saturate the color by 10%, you get **69, 21.419, 23.729**, and if you desaturate by 10%, it is **80, 4.800, 22.155**.

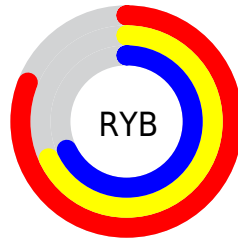
Distribution



Red (81%)

Green (68%)

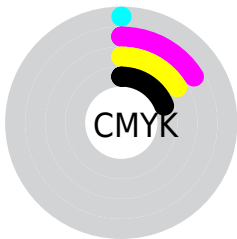
Blue (68%)



Red (81%)

Yellow (68%)

Blue (68%)

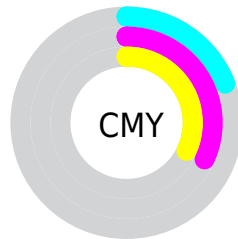


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (19%)



Cyan (19%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.793, 22.858 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, 12.793, 22.858 by changing the saturation by 10% instead.

■ 74, 12.793, 22.858

■ 74, 12.793, 22.858

■ 100, 12.793,
22.858

■ 64, 12.793, 22.858

■ 94, 12.793, 22.858

■ 54, 12.793, 22.858

■ 44, 12.793, 22.858

■ 34, 12.793, 22.858

■ 24, 12.793, 22.858

■ 14, 12.793, 22.858

■ 4, 12.793, 22.858

■ 0, 12.793, 22.858

■ 74, 12.793, 22.858

■ 74, 12.793, 22.858

69, 21.419, 23.729

80, 4.800, 22.155

63, 30.674, 24.854

85, 2.583, 202.009

58, 40.482, 26.333

91, 9.406, 201.480

54, 50.690, 28.263

97, 15.760,
198.975

50, 61.039, 30.721

97, 15.855,
198.451

47, 71.142, 33.687

45, 80.312, 36.858

44, 87.093, 39.375

43, 89.057, 40.269

Harmonies

Complementary

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



74, 12.793, 22.858



81, 11.487, 201.291

Rectangle

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



74, 12.793, 22.858



74, 12.793, 72.858



74, 12.793, 202.858



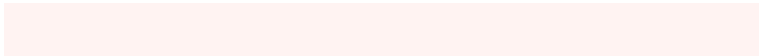
74, 12.793, 252.858

Sweetspot

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



74, 12.791, 22.867



97, 4.407, 22.049



75, 21.912, 325.778



51, 3.015, 22.106



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, 12.791, 22.867



87, 18.731, 23.172



78, 11.333, 75.135



41, 4.332, 22.367



35, 76.049, 40.236



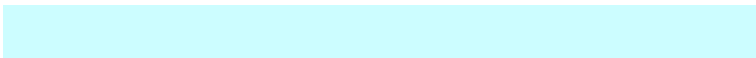
4, 19.657, 20.912

Inverse Universe

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



81, 11.487, 201.291



96, 16.368, 201.139



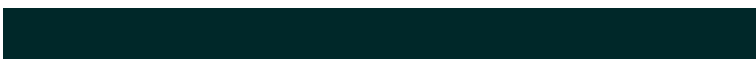
76, 10.915, 259.522



43, 4.080, 201.608



61, 35.251, 201.103



14, 13.582, 200.155

Previews

White Background



This preview shows how the CIELCh color 74, 12.793, 22.858 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 CIE LCh color 74, 12.793, 22.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

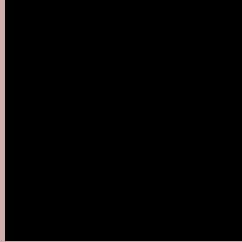
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 12.793, 22.858

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.793, 22.858.



This preview shows how white text looks on a background with the CIELCh color 74, 12.793, 22.858.

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, 12.793, 22.858

Protanopia

74, 2.850, 68.498

Deuteranopia

74, 10.557, 28.992



Tritanopia

74, 15.864, 352.450

Trichromacy



Original Color
74, 12.793, 22.858

Protanomaly
74, 5.933, 35.565

Deuteranomaly
74, 11.656, 25.618

Tritanomaly
74, 14.006, 2.748

Monochromacy



Original Color
74, 12.793, 22.858

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 4.526, 19.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.793, 22.858 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, 174, 173)` looks like.

```
.text, #text, p{  
    color:rgb(207, 174, 173)  
}
```

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, 174, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 174, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.793, 22.858 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, 174, 173) }
```

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

```
.border{ border-color:rgb(207, 174, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 174, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 174, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 174, 173);  
box-shadow:4px 4px 4px 4px rgb(207, 174,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.793, 22.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 174, 173) }
```

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

```
.background{ background-color: rgb(207,  
174, 173) }
```

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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