

Converting Colors

CIELCh(74, 22.755, 82.615)

Have a look what the booklet for
CIELCh(74, 22.755, 82.615) contains.

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Color

CIELCh(74, 22.781, 82.596)

Conversions

Conversions Part 1

Format	Color
Hex	CBB38D
RGB	203, 179, 141
RGB Percent	80%, 70%, 55%
CMY	0.2050, 0.2991, 0.4481
CMYK	0.00, 0.12, 0.31, 0.21
HSL	37°, 37%, 67%
HSV	37°, 31%, 79%
XYZ	45.4061, 46.7039, 31.7189
YIQ	181.8440, 26.5020, -6.7300

Conversions

Conversions Part 2

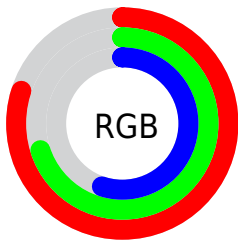
Format	Color
RYB	180, 203, 141
Decimal	13349773
CIELab	74.00, 2.94, 22.59
CIElCh	74, 22.781, 82.596
Yxy	46.7039, 0.3667, 0.3772
Android (android.graphics.Color)	4291539853 (0xFFCBB38D)
YUV	181.8440, -20.1361, 18.5538
Hunter-Lab	68.3403, -0.9979, 20.3199

Details

The CIELCh color **74, 22.781, 82.596** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 22.136, 271.437**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.905, 88.091**, and **54, 22.432, 81.729** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.631, 81.226**, and if you desaturate by 10%, it is **76, 15.115, 83.939**.

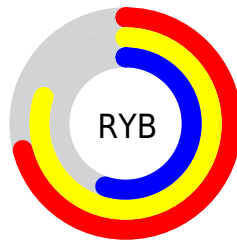
Distribution



Red (80%)

Green (70%)

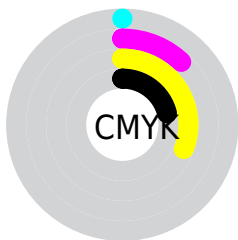
Blue (55%)



Red (71%)

Yellow (80%)

Blue (55%)

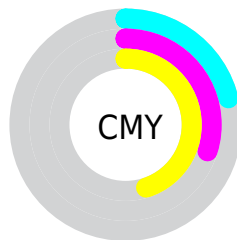


Cyan (0%)

Magenta (12%)

Yellow (31%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 22.781, 82.596 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, 22.781, 82.596 by changing the saturation by 10% instead.

■ 74, 22.781, 82.596

■ 74, 22.781, 82.596

■ 100, 22.781,
82.596

■ 64, 22.781, 82.596

■ 94, 22.781, 82.596

■ 54, 22.781, 82.596

■ 44, 22.781, 82.596

■ 34, 22.781, 82.596

■ 24, 22.781, 82.596

■ 14, 22.781, 82.596

■ 4, 22.781, 82.596

■ 0, 22.781, 82.596

■ 74, 22.781, 82.596

■ 74, 22.781, 82.596

72, 30.631, 81.226

76, 15.115, 83.939

69, 38.601, 79.808

79, 7.655, 85.224

67, 46.551, 78.331

81, 0.402, 85.819

65, 54.203, 76.753

84, 6.654, 267.780

63, 61.055, 74.977

87, 13.528,
268.924

61, 66.326, 72.825

89, 16.791,
264.535

59, 69.560, 70.375

91, 14.809,
247.575

93, 14.374,
227.860

95, 15.577,
209.315

Harmonies

Complementary

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



74, 22.781, 82.596



67, 22.136, 271.437

Rectangle

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



74, 22.781, 82.596



74, 22.781, 132.596



74, 22.781, 262.596



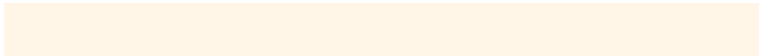
74, 22.781, 312.596

Sweetspot

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



74, 22.782, 82.603



97, 7.832, 85.404



65, 27.423, 352.577



51, 5.455, 85.222



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, 22.782, 82.603



89, 33.521, 81.654



80, 32.577, 111.622



42, 4.120, 85.370



49, 59.857, 70.891



9, 14.832, 72.301

Inverse Universe

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



67, 22.136, 271.437



79, 32.359, 272.895



61, 35.040, 297.214



40, 4.095, 267.881



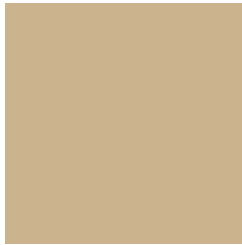
30, 64.218, 292.977



4, 17.254, 279.284

Previews

White Background



This preview shows how the CIELCh color 74, 22.781, 82.596 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, 22.781, 82.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

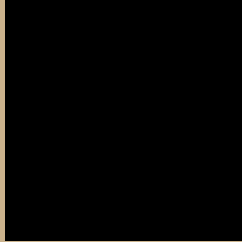
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 22.781, 82.596

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.781, 82.596.



This preview shows how white text looks on a background with the CIELCh color 74, 22.781, 82.596.

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, 22.781, 82.596

Protanopia

74, 22.035, 95.308

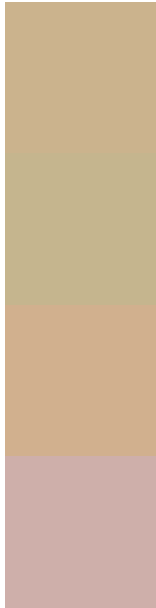
Deuteranopia

74, 23.925, 67.575



Tritanopia
74, 14.944, 352.802

Trichromacy



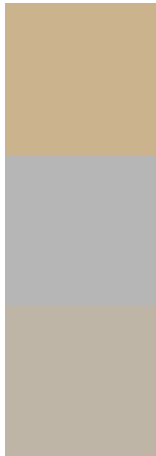
Original Color
74, 22.781, 82.596

Protanomaly
74, 21.979, 90.889

Deuteranomaly
74, 22.978, 72.206

Tritanomaly
74, 12.386, 32.851

Monochromacy



Original Color
74, 22.781, 82.596

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.300, 84.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.781, 82.596 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(203, 179, 141)` looks like.

```
.text, #text, p{  
    color:rgb(203, 179, 141)  
}
```

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(203, 179, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 179, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.781, 82.596 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(203, 179, 141) }
```

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

```
.border{ border-color:rgb(203, 179, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 179, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 179, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 179, 141);  
box-shadow:4px 4px 4px 4px rgb(203, 179,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.781, 82.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 179, 141) }
```

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

```
.background{ background-color: rgb(203,  
179, 141) }
```

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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