

Converting Colors

CIELCh(77, 23.025, 89.642)

Have a look what the booklet for
CIELCh(77, 23.025, 89.642) contains.

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Color

CIELCh(77, 23.074, 89.717)

Conversions

Conversions Part 1

Format	Color
Hex	CFBD94
RGB	207, 189, 148
RGB Percent	81%, 74%, 58%
CMY	0.1900, 0.2605, 0.4213
CMYK	0.00, 0.09, 0.29, 0.19
HSL	42°, 38%, 69%
HSV	42°, 29%, 81%
XYZ	49.0212, 51.5317, 35.2053
YIQ	189.7080, 23.8890, -8.9350

Conversions

Conversions Part 2

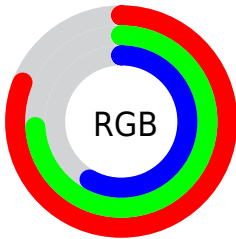
Format	Color
RYB	174, 207, 148
Decimal	13614484
CIELab	77.00, 0.11, 23.07
CIElCh	77, 23.074, 89.717
Yxy	51.5317, 0.3611, 0.3796
Android (android.graphics.Color)	4291804564 (0xFFCFBD94)
YUV	189.7080, -20.5620, 15.1651
Hunter-Lab	71.7856, -3.7302, 21.1728

Details

The CIELCh color **77, 23.074, 89.717** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 23.152, 277.610**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.194, 98.671**, and **57, 23.168, 89.897** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.372, 88.389**, and if you desaturate by 10%, it is **79, 14.867, 91.016**.

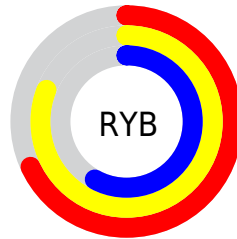
Distribution



Red (81%)

Green (74%)

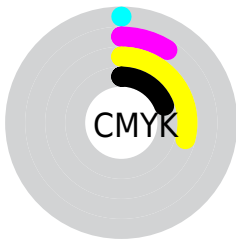
Blue (58%)



Red (68%)

Yellow (81%)

Blue (58%)

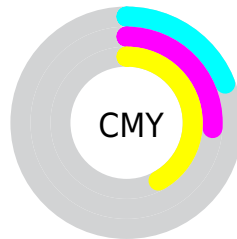


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 23.074, 89.717 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 77, 23.074, 89.717 by changing the saturation by 10% instead.

■ 77, 23.074, 89.717

■ 77, 23.074, 89.717

■ 100, 23.074,
89.717

■ 67, 23.074, 89.717

■ 97, 23.074, 89.717

■ 57, 23.074, 89.717

■ 47, 23.074, 89.717

■ 37, 23.074, 89.717

■ 27, 23.074, 89.717

■ 17, 23.074, 89.717

■ 7, 23.074, 89.717

■ 0, 23.074, 89.717

■ 77, 23.074, 89.717

■ 77, 23.074, 89.717

75, 31.372, 88.389

79, 14.867, 91.016

73, 39.675, 87.015

81, 6.786, 92.256

71, 47.824, 85.595

83, 1.152, 273.699

69, 55.524, 84.104

85, 8.945, 274.691

68, 62.277, 82.487

88, 16.600,
275.793

66, 67.356, 80.635

89, 16.109,
267.406

64, 70.227, 78.427

64, 70.593, 78.104

91, 14.245,
253.753

93, 13.366,
237.368

94, 13.642,
220.362

Harmonies

Complementary

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



77, 23.074, 89.717



68, 23.152, 277.610

Rectangle

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



77, 23.074, 89.717



77, 23.074, 139.717



77, 23.074, 269.717



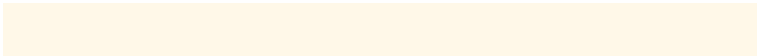
77, 23.074, 319.717

Sweetspot

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



77, 23.075, 89.723



98, 8.482, 92.189



67, 24.973, 357.901



52, 5.903, 92.010



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 23.075, 89.723



92, 32.746, 88.945



81, 31.158, 115.341



42, 4.461, 92.155



52, 59.980, 78.548



10, 15.766, 81.811

Inverse Universe

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



68, 23.152, 277.610



79, 32.907, 278.746



64, 33.223, 299.771



40, 4.473, 274.562



27, 73.403, 297.823



4, 18.668, 283.262

Previews

White Background



This preview shows how the CIELCh color 77, 23.074, 89.717 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 77, 23.074, 89.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

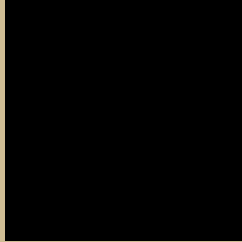
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 23.074, 89.717

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.074, 89.717.



This preview shows how white text looks on a background with the CIELCh color 77, 23.074, 89.717.

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


77, 23.074, 89.717

Protanopia

77, 22.989, 94.886

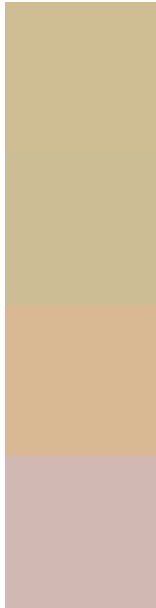
Deuteranopia

77, 24.392, 67.721



Tritanopia
77, 13.455, 346.704

Trichromacy



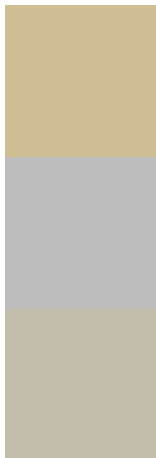
Original Color
77, 23.074, 89.717

Protanomaly
77, 22.705, 92.640

Deuteranomaly
77, 23.611, 75.969

Tritanomaly
77, 10.512, 37.831

Monochromacy



Original Color
77, 23.074, 89.717

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.337, 93.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.074, 89.717 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, 189, 148)` looks like.

```
.text, #text, p{  
    color:rgb(207, 189, 148)  
}
```

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, 189, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.074, 89.717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

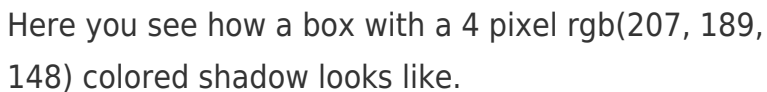
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 189, 148) }
```

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

```
.border{ border-color:rgb(207, 189, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 189, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 189, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 189, 148); box-shadow:4px 4px 4px 4px rgb(207, 189, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.074, 89.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 148) }
```

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

```
.background{ background-color: rgb(207,  
189, 148) }
```

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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