

Converting Colors

CIELCh(77, 24.037, 95.938)

Have a look what the booklet for
CIELCh(77, 24.037, 95.938) contains.

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Color

CIELCh(77, 23.934, 96.271)

Conversions

Conversions Part 1

Format	Color
Hex	CABE92
RGB	202, 190, 146
RGB Percent	79%, 75%, 57%
CMY	0.2074, 0.2544, 0.4270
CMYK	0.00, 0.06, 0.28, 0.21
HSL	47°, 35%, 68%
HSV	47°, 28%, 79%
XYZ	48.0273, 51.5317, 34.6564
YIQ	188.5720, 21.2760, -11.1400

Conversions

Conversions Part 2

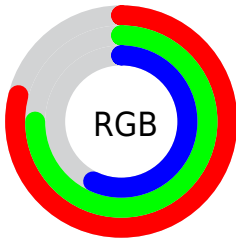
Format	Color
RYB	161, 202, 146
Decimal	13287058
CIELab	77.00, -2.61, 23.79
CIELCh	77, 23.934, 96.271
Yxy	51.5317, 0.3578, 0.3839
Android (android.graphics.Color)	4291477138 (0xFFCABE92)
YUV	188.5720, -20.9880, 11.7764
Hunter-Lab	71.7856, -6.2015, 21.6261

Details

The CIELCh color **77, 23.934, 96.271** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 24.622, 283.407**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 23.618, 100.062**, and **57, 24.081, 96.847** is the 20% darker color. If you saturate the color by 10%, you get **76, 32.612, 95.046**, and if you desaturate by 10%, it is **79, 15.246, 97.477**.

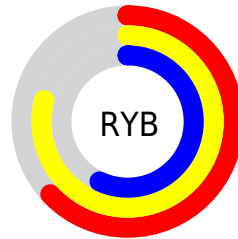
Distribution



Red (79%)

Green (75%)

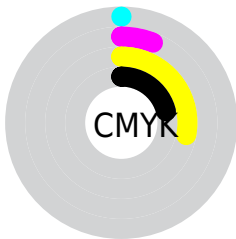
Blue (57%)



Red (63%)

Yellow (79%)

Blue (57%)

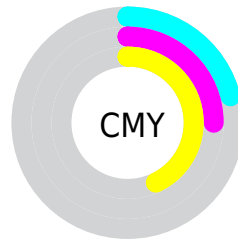


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 23.934, 96.271 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, 23.934, 96.271 by changing the saturation by 10% instead.

■ 77, 23.934, 96.271

■ 77, 23.934, 96.271

■ 100, 23.934,
96.271

■ 67, 23.934, 96.271

■ 97, 23.934, 96.271

■ 57, 23.934, 96.271

■ 47, 23.934, 96.271

■ 37, 23.934, 96.271

■ 27, 23.934, 96.271

■ 17, 23.934, 96.271

■ 7, 23.934, 96.271

■ 0, 23.934, 96.271

■ 77, 23.934, 96.271

■ 77, 23.934, 96.271

76, 32.612, 95.046

79, 15.246, 97.477

74, 41.171, 93.793

80, 6.603, 98.634

73, 49.426, 92.521

82, 1.964, 279.876

71, 57.061, 91.226

83, 10.441,
280.895

70, 63.582, 89.888

85, 18.821,
281.930

69, 68.328, 88.462

68, 70.809, 86.880

86, 20.775,
279.137

68, 71.253, 86.512

88, 18.874,
273.106

89, 17.223,
265.876

90, 15.894,
257.338

Harmonies

Complementary

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



77, 23.934, 96.271



66, 24.622, 283.407

Rectangle

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



77, 23.934, 96.271



77, 23.934, 146.271



77, 23.934, 276.271



77, 23.934, 326.271

Sweetspot

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



77, 23.935, 96.276



98, 8.276, 98.589



66, 22.996, 5.006



52, 5.887, 98.417



0, 0.000, 0.000



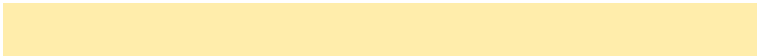
53, 0.007, 296.813

Same Dimension

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



77, 23.935, 96.276



94, 34.457, 95.573



79, 30.146, 119.529



42, 4.900, 98.443



56, 61.564, 86.778



12, 17.255, 90.738

Inverse Universe

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



66, 24.622, 283.407



77, 35.713, 284.437



64, 31.883, 303.085



40, 4.951, 280.686



24, 82.840, 301.735



3, 20.080, 286.500

Previews

White Background



This preview shows how the CIELCh color 77, 23.934, 96.271 looks on a white background.

Color Contrast Check

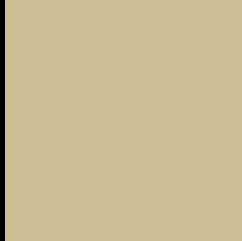
Large Text (above 18pt) WCAG AA × Fail

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, 23.934, 96.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

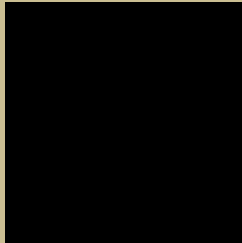
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 23.934, 96.271

Background



This preview shows how black text looks on a background with the CIELCh color 77, 23.934, 96.271.

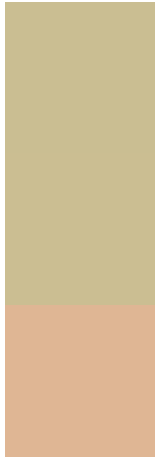


This preview shows how white text looks on a background with the CIELCh color 77, 23.934, 96.271.

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, 23.934, 96.271

Protanopia

77, 24.023, 95.321

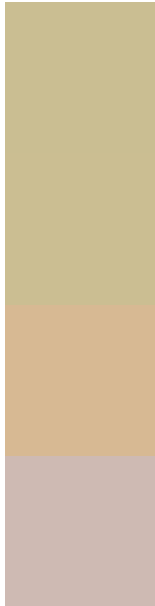
Deuteranopia

77, 24.995, 66.307



Tritanopia
77, 12.278, 339.517

Trichromacy



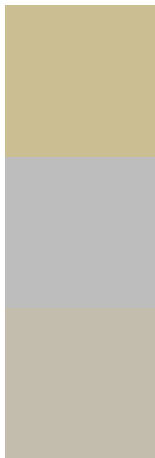
Original Color
77, 23.934, 96.271

Protanomaly
77, 24.023, 95.321

Deuteranomaly
77, 23.851, 77.389

Tritanomaly
77, 8.521, 45.886

Monochromacy



Original Color
77, 23.934, 96.271

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.764, 96.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 23.934, 96.271 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(202, 190, 146)` looks like.

```
.text, #text, p{  
    color:rgb(202, 190, 146)  
}
```

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(202, 190, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 190, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 23.934, 96.271 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(202, 190, 146) }
```

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

```
.border{ border-color:rgb(202, 190, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 190, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 190, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 190, 146); box-shadow:4px 4px 4px 4px rgb(202, 190, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 23.934, 96.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 190, 146) }
```

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

```
.background{ background-color: rgb(202,  
190, 146) }
```

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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