

Converting Colors

CIELCh(73, 25.469, 87.091)

Have a look what the booklet for
CIELCh(73, 25.469, 87.091) contains.

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Color

CIELCh(73, 25.477, 86.854)

Conversions

Conversions Part 1

Format	Color
Hex	C7B185
RGB	199, 177, 133
RGB Percent	78%, 69%, 52%
CMY	0.2204, 0.3067, 0.4792
CMYK	0.00, 0.11, 0.33, 0.22
HSL	40°, 37%, 65%
HSV	40°, 33%, 78%
XYZ	43.3985, 45.1644, 28.5495
YIQ	178.5620, 27.2360, -9.0200

Conversions

Conversions Part 2

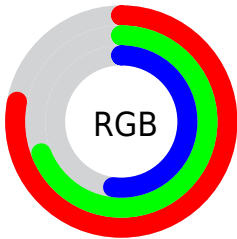
Format	Color
RYB	166, 199, 133
Decimal	13087109
CIELab	73.00, 1.40, 25.44
CIELCh	73, 25.477, 86.854
Yxy	45.1644, 0.3706, 0.3857
Android (android.graphics.Color)	4291277189 (0xFFC7B185)
YUV	178.5620, -22.4621, 17.9241
Hunter-Lab	67.2044, -2.3382, 21.8558

Details

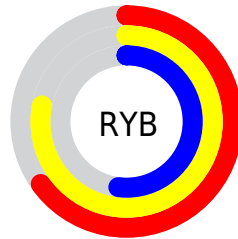
The CIELCh color **73, 25.477, 86.854** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 25.301, 276.374**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 25.606, 88.785**, and **53, 25.596, 87.509** is the 20% darker color. If you saturate the color by 10%, you get **71, 33.421, 85.490**, and if you desaturate by 10%, it is **75, 17.629, 88.189**.

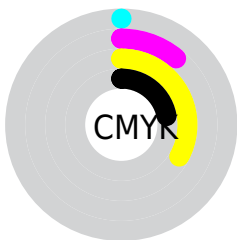
Distribution



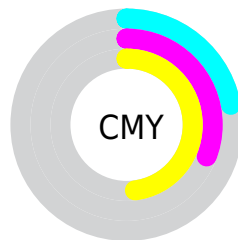
- Red (78%)
- Green (69%)
- Blue (52%)



- Red (65%)
- Yellow (78%)
- Blue (52%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 25.477, 86.854 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 73, 25.477, 86.854 by changing the saturation by 10% instead.

■ 73, 25.477, 86.854

■ 73, 25.477, 86.854

■ 100, 25.477,
86.854

■ 63, 25.477, 86.854

■ 93, 25.477, 86.854

■ 53, 25.477, 86.854

■ 43, 25.477, 86.854

■ 33, 25.477, 86.854

■ 23, 25.477, 86.854

■ 13, 25.477, 86.854

■ 3, 25.477, 86.854

■ 0, 25.477, 86.854

■ 73, 25.477, 86.854

■ 73, 25.477, 86.854

71, 33.421, 85.490

75, 17.629, 88.189

69, 41.362, 84.076

77, 9.920, 89.471

67, 49.107, 82.601

79, 2.368, 90.643

65, 56.308, 81.023

82, 5.024, 271.995

63, 62.385, 79.252

84, 12.264,
273.119

62, 66.563, 77.128

86, 19.361,
274.212

61, 68.418, 75.496

88, 18.202,
265.571

90, 16.315,
252.743

91, 15.397,
237.667

Harmonies

Complementary

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



73, 25.477, 86.854



64, 25.301, 276.374

Rectangle

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



73, 25.477, 86.854



73, 25.477, 136.854



73, 25.477, 266.854



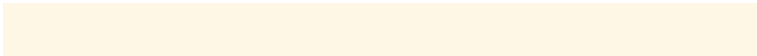
73, 25.477, 316.854

Sweetspot

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



73, 25.478, 86.860



97, 9.172, 89.849



63, 28.484, 357.380



52, 6.268, 89.673



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 25.478, 86.860



90, 37.815, 85.850



78, 34.937, 114.309



41, 4.247, 89.942



50, 59.117, 75.943



9, 13.968, 78.690

Inverse Universe

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



64, 25.301, 276.374



76, 37.551, 277.955



59, 37.739, 299.710



39, 4.247, 272.385



28, 69.375, 296.259



3, 16.656, 280.948

Previews

White Background



This preview shows how the CIELCh color 73, 25.477, 86.854 looks on a white background.

Color Contrast Check

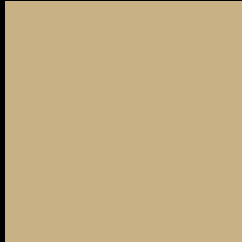
Large Text (above 18pt) WCAG AA × Fail

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 73, 25.477, 86.854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

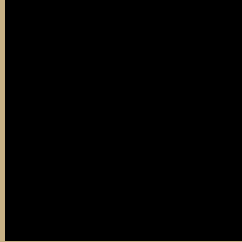
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 25.477, 86.854

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.477, 86.854.



This preview shows how white text looks on a background with the CIELCh color 73, 25.477, 86.854.

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


73, 25.477, 86.854

Protanopia

73, 24.806, 95.333

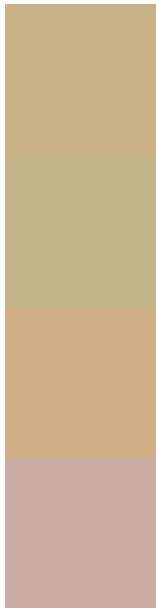
Deuteranopia

73, 26.478, 70.206



Tritanopia
73, 14.653, 352.079

Trichromacy



Original Color
73, 25.477, 86.854

Protanomaly
73, 24.626, 92.294

Deuteranomaly
73, 25.792, 75.853

Tritanomaly
73, 12.386, 38.017

Monochromacy



Original Color
73, 25.477, 86.854

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.187, 89.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.477, 86.854 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(199, 177, 133)` looks like.

```
.text, #text, p{  
    color:rgb(199, 177, 133)  
}
```

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(199, 177, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 177, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.477, 86.854 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(199, 177, 133) }
```

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

```
.border{ border-color:rgb(199, 177, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 177, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 177, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 177, 133);  
box-shadow:4px 4px 4px 4px rgb(199, 177,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.477, 86.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 177, 133) }
```

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

```
.background{ background-color: rgb(199,  
177, 133) }
```

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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