

Converting Colors

CIELCh(74, 25.899, 86.577)

Have a look what the booklet for
CIELCh(74, 25.899, 86.577) contains.

CIELCh(74, 25.582, 86.028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 25.582, 86.028)

Conversions

Conversions Part 1

Format	Color
Hex	CAB387
RGB	202, 179, 135
RGB Percent	79%, 70%, 53%
CMY	0.2067, 0.2969, 0.4695
CMYK	0.00, 0.11, 0.33, 0.21
HSL	39°, 39%, 66%
HSV	39°, 33%, 79%
XYZ	45.0018, 46.7039, 29.6624
YIQ	180.8610, 27.8320, -8.8080

Conversions

Conversions Part 2

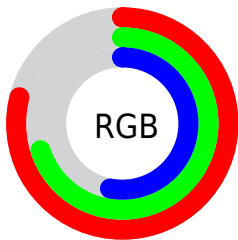
Format	Color
RYB	170, 202, 135
Decimal	13284231
CIELab	74.00, 1.77, 25.52
CIELCh	74, 25.582, 86.028
Yxy	46.7039, 0.3708, 0.3848
Android (android.graphics.Color)	4291474311 (0xFFCAB387)
YUV	180.8610, -22.6095, 18.5389
Hunter-Lab	68.3403, -2.0540, 22.1040

Details

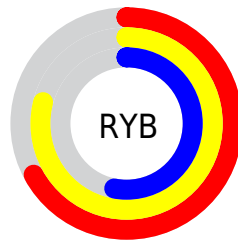
The CIELCh color **74, 25.582, 86.028** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 25.297, 275.586**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.818, 90.178**, and **54, 25.377, 85.310** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.602, 84.657**, and if you desaturate by 10%, it is **76, 17.674, 87.369**.

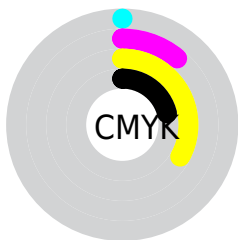
Distribution



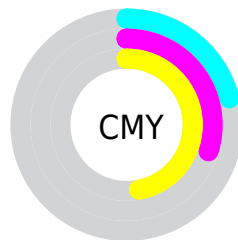
- Red (79%)
- Green (70%)
- Blue (53%)



- Red (67%)
- Yellow (79%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 25.582, 86.028 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, 25.582, 86.028 by changing the saturation by 10% instead.

■ 74, 25.582, 86.028

■ 74, 25.582, 86.028

■ 100, 25.582,
86.028

■ 64, 25.582, 86.028

■ 94, 25.582, 86.028

■ 54, 25.582, 86.028

■ 44, 25.582, 86.028

■ 34, 25.582, 86.028

■ 24, 25.582, 86.028

■ 14, 25.582, 86.028

■ 4, 25.582, 86.028

■ 0, 25.582, 86.028

■ 74, 25.582, 86.028

■ 74, 25.582, 86.028

72, 33.602, 84.657

76, 17.674, 87.369

70, 41.635, 83.235

78, 9.919, 88.658

68, 49.494, 81.751

81, 2.332, 89.832

66, 56.827, 80.159

83, 5.086, 271.198

64, 63.048, 78.364

85, 12.344,
272.328

62, 67.361, 76.199

88, 18.650,
272.476

61, 69.291, 74.507

90, 16.203,
260.012

91, 14.731,
244.317

93, 14.509,
226.890

Harmonies

Complementary

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



74, 25.582, 86.028



65, 25.297, 275.586

Rectangle

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



74, 25.582, 86.028



74, 25.582, 136.028



74, 25.582, 266.028



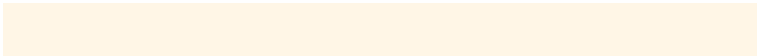
74, 25.582, 316.028

Sweetspot

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



74, 25.583, 86.034



97, 9.082, 89.032



64, 29.038, 356.233



52, 6.207, 88.855



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, 25.583, 86.034



89, 37.528, 85.017



79, 35.313, 113.592



42, 4.295, 89.122



51, 59.765, 74.966



10, 15.275, 77.521

Inverse Universe

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



65, 25.297, 275.586



76, 37.064, 277.181



60, 38.176, 299.164



40, 4.289, 271.586



29, 69.139, 295.729



4, 18.026, 281.560

Previews

White Background



This preview shows how the CIELCh color 74, 25.582, 86.028 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, 25.582, 86.028 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, 25.582, 86.028

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.582, 86.028.

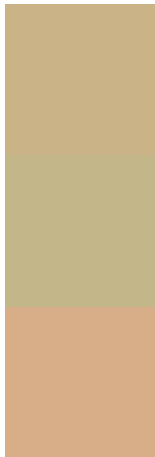


This preview shows how white text looks on a background with the CIELCh color 74, 25.582, 86.028.

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, 25.582, 86.028

Protanopia

74, 25.251, 95.574

Deuteranopia

74, 26.964, 68.873



Tritanopia
74, 14.944, 352.802

Trichromacy



Original Color
74, 25.582, 86.028

Protanomaly
74, 25.183, 91.691

Deuteranomaly
74, 25.968, 75.124

Tritanomaly
74, 12.721, 37.494

Monochromacy



Original Color
74, 25.582, 86.028

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 9.307, 87.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.582, 86.028 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, 179, 135)` looks like.

```
.text, #text, p{  
    color:rgb(202, 179, 135)  
}
```

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, 179, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 179, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.582, 86.028 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, 179, 135) }
```

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

```
.border{ border-color:rgb(202, 179, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 179, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 179, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 179, 135);  
box-shadow:4px 4px 4px 4px rgb(202, 179,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.582, 86.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 179, 135) }
```

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

```
.background{ background-color: rgb(202,  
179, 135) }
```

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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