

Converting Colors

CIELCh(74, 25.439, 83.336)

Have a look what the booklet for
CIELCh(74, 25.439, 83.336) contains.

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Color

CIELCh(74, 25.427, 83.930)

Conversions

Conversions Part 1

Format	Color
Hex	CCB388
RGB	204, 179, 136
RGB Percent	80%, 70%, 53%
CMY	0.2011, 0.2990, 0.4676
CMYK	0.00, 0.12, 0.33, 0.20
HSL	38°, 40%, 67%
HSV	38°, 33%, 80%
XYZ	45.3201, 46.7039, 29.8248
YIQ	181.5730, 28.7030, -8.0730

Conversions

Conversions Part 2

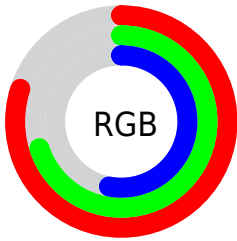
Format	Color
RYB	176, 204, 136
Decimal	13415304
CIELab	74.00, 2.69, 25.28
CIELCh	74, 25.427, 83.930
Yxy	46.7039, 0.3719, 0.3833
Android (android.graphics.Color)	4291605384 (0xFFCCB388)
YUV	181.5730, -22.4675, 19.6685
Hunter-Lab	68.3403, -1.2225, 21.9631

Details

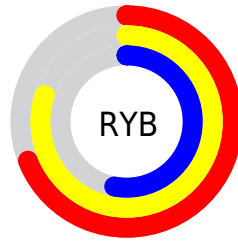
The CIELCh color **74, 25.427, 83.930** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 24.869, 273.668**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.331, 89.869**, and **54, 25.236, 83.051** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.411, 82.549**, and if you desaturate by 10%, it is **76, 17.588, 85.282**.

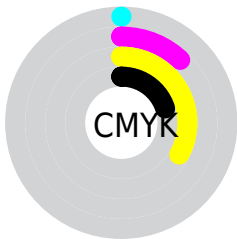
Distribution



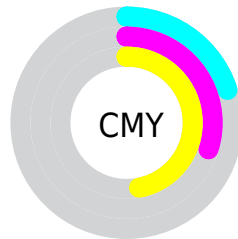
- Red (80%)
- Green (70%)
- Blue (53%)



- Red (69%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (30%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 25.427, 83.930 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, 25.427, 83.930 by changing the saturation by 10% instead.

 74, 25.427, 83.930

 74, 25.427, 83.930

 100, 25.427,
83.930

 64, 25.427, 83.930

 94, 25.427, 83.930

 54, 25.427, 83.930

 44, 25.427, 83.930

 34, 25.427, 83.930

 24, 25.427, 83.930

 14, 25.427, 83.930

 4, 25.427, 83.930

 0, 25.427, 83.930

 74, 25.427, 83.930

 74, 25.427, 83.930

72, 33.411, 82.549

76, 17.588, 85.282

70, 41.449, 81.116

79, 9.930, 86.582

67, 49.361, 79.618

81, 2.463, 87.768

65, 56.803, 78.001

84, 4.817, 269.156

63, 63.182, 76.159

86, 11.921,
270.295

62, 67.677, 73.901

89, 17.430,
269.396

60, 69.696, 72.193

90, 15.104,
254.387

92, 14.083,
235.888

94, 14.606,
216.903

Harmonies

Complementary

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



74, 25.427, 83.930



66, 24.869, 273.668

Rectangle

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



74, 25.427, 83.930



74, 25.427, 133.930



74, 25.427, 263.930



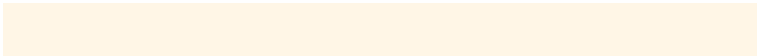
74, 25.427, 313.930

Sweetspot

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



74, 25.428, 83.936



97, 8.874, 86.988



64, 29.863, 354.034



51, 6.066, 86.810



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, 25.428, 83.936



89, 36.869, 82.947



80, 35.659, 112.126



42, 4.196, 87.079



50, 59.772, 72.699



10, 15.013, 74.663

Inverse Universe

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



66, 24.869, 273.668



77, 35.916, 275.233



60, 38.637, 298.113



40, 4.179, 269.572



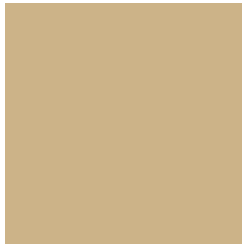
30, 66.409, 294.253



4, 17.602, 280.346

Previews

White Background



This preview shows how the CIELCh color 74, 25.427, 83.930 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, 25.427, 83.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

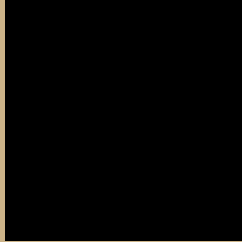
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 25.427, 83.930

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.427, 83.930.



This preview shows how white text looks on a background with the CIELCh color 74, 25.427, 83.930.

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, 25.427, 83.930

Protanopia

74, 24.731, 95.386

Deuteranopia

74, 26.651, 69.572



Tritanopia
74, 15.638, 354.215

Trichromacy



Original Color
74, 25.427, 83.930

Protanomaly
74, 24.670, 91.425

Deuteranomaly
74, 25.752, 73.801

Tritanomaly
74, 13.508, 36.543

Monochromacy



Original Color
74, 25.427, 83.930

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.806, 86.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.427, 83.930 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(204, 179, 136)` looks like.

```
.text, #text, p{  
    color:rgb(204, 179, 136)  
}
```

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(204, 179, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 179, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.427, 83.930 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(204, 179, 136) }
```

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

```
.border{ border-color:rgb(204, 179, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 179, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 179, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 179, 136);  
box-shadow:4px 4px 4px 4px rgb(204, 179,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.427, 83.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 179, 136) }
```

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

```
.background{ background-color: rgb(204,  
179, 136) }
```

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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