

Converting Colors

CIELCh(73, 33.908, 84.212)

Have a look what the booklet for
CIELCh(73, 33.908, 84.212) contains.

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Color

CIELCh(73, 34.039, 84.215)

Conversions

Conversions Part 1

Format	Color
Hex	CEAF75
RGB	206, 175, 117
RGB Percent	81%, 69%, 46%
CMY	0.1914, 0.3130, 0.5405
CMYK	0.00, 0.15, 0.43, 0.19
HSL	39°, 48%, 63%
HSV	39°, 43%, 81%
XYZ	44.0895, 45.1644, 23.2742
YIQ	177.6570, 37.0940, -11.4660

Conversions

Conversions Part 2

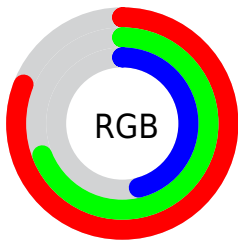
Format	Color
RYB	165, 206, 117
Decimal	13545333
CIELab	73.00, 3.43, 33.87
CIELCh	73, 34.039, 84.215
Yxy	45.1644, 0.3918, 0.4014
Android (android.graphics.Color)	4291735413 (0xFFCEAF75)
YUV	177.6570, -29.9039, 24.8568
Hunter-Lab	67.2044, -0.5028, 26.5099

Details

The CIELCh color **73, 34.039, 84.215** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 33.516, 277.412**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 32.390, 89.870**, and **53, 33.880, 84.357** is the 20% darker color. If you saturate the color by 10%, you get **71, 42.189, 82.793**, and if you desaturate by 10%, it is **75, 25.913, 85.601**.

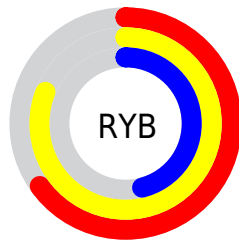
Distribution



Red (81%)

Green (69%)

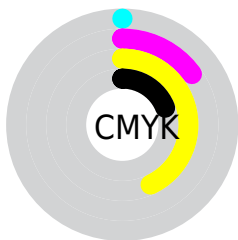
Blue (46%)



Red (65%)

Yellow (81%)

Blue (46%)

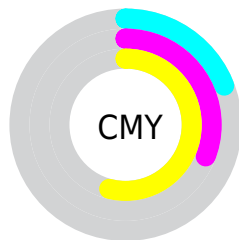


Cyan (0%)

Magenta (15%)

Yellow (43%)

Black (19%)



Cyan (19%)

Magenta (31%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 34.039, 84.215 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, 34.039, 84.215 by changing the saturation by 10% instead.

 73, 34.039, 84.215

 73, 34.039, 84.215

 100, 34.039,
84.215

 63, 34.039, 84.215

 93, 34.039, 84.215

 53, 34.039, 84.215

 43, 34.039, 84.215

 33, 34.039, 84.215

 23, 34.039, 84.215

 13, 34.039, 84.215

 3, 34.039, 84.215

 0, 34.039, 84.215

 73, 34.039, 84.215

 73, 34.039, 84.215

71, 42.189, 82.793

75, 25.913, 85.601

69, 50.168, 81.303

77, 17.906, 86.941

67, 57.623, 79.702

80, 10.059, 88.234

65, 63.953, 77.892

82, 2.389, 89.412

63, 68.343, 75.698

84, 5.107, 270.784

62, 70.284, 73.989

87, 12.436,
271.917

89, 16.484,
268.721

91, 14.318,
253.431

93, 13.428,
234.728

Harmonies

Complementary

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



73, 34.039, 84.215



61, 33.516, 277.412

Rectangle

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



73, 34.039, 84.215



73, 34.039, 134.215



73, 34.039, 264.215



73, 34.039, 314.215

Sweetspot

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



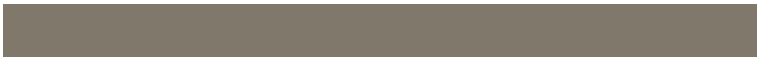
73, 34.040, 84.220



96, 11.794, 88.236



60, 38.621, 357.793



51, 8.275, 87.952



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, 34.040, 84.220



86, 49.011, 82.870



80, 46.253, 112.875



42, 4.274, 88.706



50, 59.758, 74.495



10, 15.217, 76.936

Inverse Universe

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



61, 33.516, 277.412



69, 48.323, 279.838



54, 51.518, 300.424



40, 4.266, 271.176



29, 68.573, 295.433



4, 17.939, 281.318

Previews

White Background



This preview shows how the CIELCh color 73, 34.039, 84.215 looks on a white background.

Color Contrast Check

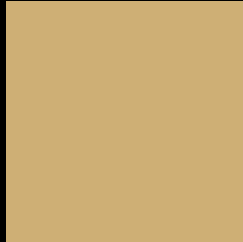
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 34.039, 84.215 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, 34.039, 84.215

Background



This preview shows how black text looks on a background with the CIELCh color 73, 34.039, 84.215.



This preview shows how white text looks on a background with the CIELCh color 73, 34.039, 84.215.

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, 34.039, 84.215

Protanopia

73, 32.844, 95.144

Deuteranopia

73, 34.637, 74.355



Tritanopia
73, 18.893, 359.404

Trichromacy



Original Color
73, 34.039, 84.215

Protanomaly
73, 33.417, 91.554

Deuteranomaly
73, 34.292, 78.138

Tritanomaly
73, 17.979, 43.469

Monochromacy



Original Color
73, 34.039, 84.215

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 12.162, 88.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 34.039, 84.215 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(206, 175, 117)` looks like.

```
.text, #text, p{  
    color:rgb(206, 175, 117)  
}
```

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(206, 175, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 175, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 34.039, 84.215 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(206, 175, 117) }
```

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

```
.border{ border-color:rgb(206, 175, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 175, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 175, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 175, 117);  
box-shadow:4px 4px 4px 4px rgb(206, 175,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 34.039, 84.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 175, 117) }
```

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

```
.background{ background-color: rgb(206,  
175, 117) }
```

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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