

Converting Colors

CIELCh(69, 34.863, 74.627)

Have a look what the booklet for
CIELCh(69, 34.863, 74.627) contains.

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Color

CIELCh(69, 34.818, 74.657)

Conversions

Conversions Part 1

Format	Color
Hex	CCA16C
RGB	204, 161, 108
RGB Percent	80%, 63%, 42%
CMY	0.2005, 0.3691, 0.5769
CMYK	0.00, 0.21, 0.47, 0.20
HSL	33°, 48%, 61%
HSV	33°, 47%, 80%
XYZ	40.2882, 39.3444, 19.6252
YIQ	167.8150, 42.6410, -7.3670

Conversions

Conversions Part 2

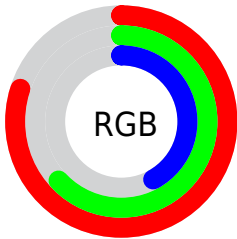
Format	Color
R _Y B	186, 204, 108
Decimal	13410668
CIE Lab	69.00, 9.21, 33.58
CIE LCh	69, 34.818, 74.657
Yxy	39.3444, 0.4059, 0.3964
Android (android.graphics.Color)	4291600748 (0xFFCCA16C)
YUV	167.8150, -29.4888, 31.7342
Hunter-Lab	62.7251, 4.8811, 25.3572

Details

The CIELCh color **69, 34.818, 74.657** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 31.800, 269.580**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 33.234, 79.475**, and **49, 35.115, 74.973** is the 20% darker color. If you saturate the color by 10%, you get **66, 42.860, 73.258**, and if you desaturate by 10%, it is **72, 26.939, 76.025**.

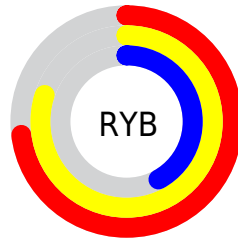
Distribution



Red (80%)

Green (63%)

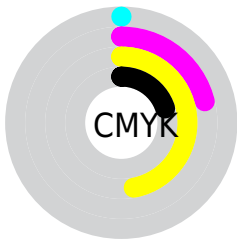
Blue (42%)



Red (73%)

Yellow (80%)

Blue (42%)

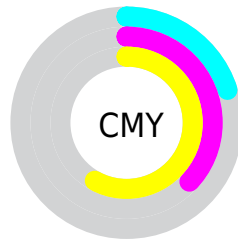


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 34.818, 74.657 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 69, 34.818, 74.657 by changing the saturation by 10% instead.

 69, 34.818, 74.657

 69, 34.818, 74.657

 100, 34.818,
74.657

 59, 34.818, 74.657

 89, 34.818, 74.657

 49, 34.818, 74.657

 99, 34.818, 74.657

 39, 34.818, 74.657

 29, 34.818, 74.657

 19, 34.818, 74.657

 9, 34.818, 74.657

 0, 34.818, 74.657

 69, 34.818, 74.657

 69, 34.818, 74.657

 66, 42.860, 73.258

 72, 26.939, 76.025

64, 50.876, 71.778

74, 19.306, 77.358

62, 58.484, 70.134

77, 11.945, 78.658

59, 65.000, 68.148

80, 4.856, 79.897

57, 69.567, 65.558

83, 1.977, 261.376

57, 70.765, 64.793

86, 8.576, 262.449

89, 14.961,
263.589

91, 14.526,
247.989

94, 14.167,
224.592

Harmonies

Complementary

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



69, 34.818, 74.657



61, 31.800, 269.580

Rectangle

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



69, 34.818, 74.657



69, 34.818, 124.657



69, 34.818, 254.657



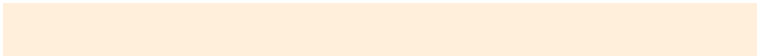
69, 34.818, 304.657

Sweetspot

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



69, 34.818, 74.662



95, 11.675, 79.026



58, 43.448, 351.707



50, 8.094, 78.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 34.818, 74.662



82, 50.401, 73.308



80, 49.362, 108.039



42, 3.910, 79.621



47, 60.561, 65.375



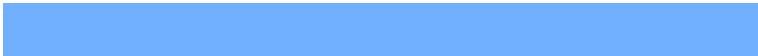
9, 14.450, 64.612

Inverse Universe

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



61, 31.800, 269.580



71, 45.274, 272.349



50, 56.023, 298.190



41, 3.855, 262.148



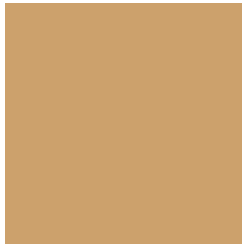
33, 57.452, 288.406



5, 16.131, 275.383

Previews

White Background



This preview shows how the CIELCh color 69, 34.818, 74.657 looks on a white background.

Color Contrast Check

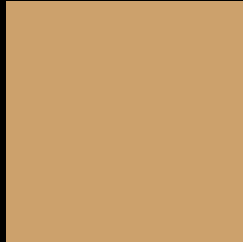
Large Text (above 18pt) WCAG AA × Fail

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 69, 34.818, 74.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

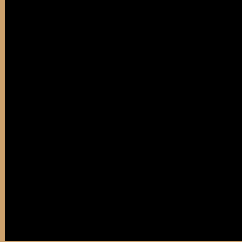
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 34.818, 74.657

Background



This preview shows how black text looks on a background with the CIELCh color 69, 34.818, 74.657.



This preview shows how white text looks on a background with the CIELCh color 69, 34.818, 74.657.

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

69, 34.818, 74.657

Protanopia

69, 31.944, 96.161

Deuteranopia

69, 34.566, 75.251



Tritanopia
69, 22.286, 6.071

Trichromacy



Original Color
69, 34.818, 74.657

Protanomaly
69, 32.352, 87.601

Deuteranomaly
69, 34.566, 75.251

Tritanomaly
69, 21.861, 39.864

Monochromacy



Original Color
69, 34.818, 74.657

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 12.244, 77.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 34.818, 74.657 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, 161, 108)` looks like.

```
.text, #text, p{  
    color:rgb(204, 161, 108)  
}
```

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, 161, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 161, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 34.818, 74.657 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, 161, 108) }
```

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

```
.border{ border-color:rgb(204, 161, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 161, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 161, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 161, 108); box-shadow:4px 4px 4px 4px rgb(204, 161, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 34.818, 74.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 161, 108) }
```

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

```
.background{ background-color: rgb(204,  
161, 108) }
```

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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