

Converting Colors

CIELCh(71, 39.717, 68.991)

Have a look what the booklet for
CIELCh(71, 39.717, 68.991) contains.

CIELCh(71, 39.654, 68.994)	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(71, 39.654, 68.994)

Conversions

Conversions Part 1

Format	Color
Hex	DBA36B
RGB	219, 163, 107
RGB Percent	86%, 64%, 42%
CMY	0.1422, 0.3617, 0.5813
CMYK	0.00, 0.26, 0.51, 0.14
HSL	30°, 61%, 64%
HSV	30°, 51%, 86%
XYZ	44.8328, 42.1875, 19.6286
YIQ	173.3600, 51.3520, -5.5440

Conversions

Conversions Part 2

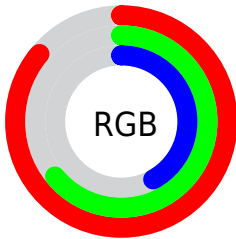
Format	Color
R_{YB}	219, 219, 107
Decimal	14394219
CIE _{Lab}	71.00, 14.21, 37.02
CIE _{LCh}	71, 39.654, 68.994
Yxy	42.1875, 0.4204, 0.3956
Android (android.graphics.Color)	4292584299 (0xFFDBA36B)
YUV	173.3600, -32.7155, 40.0263
Hunter-Lab	64.9519, 9.5431, 27.5488

Details

The CIELCh color **71, 39.654, 68.994** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 34.159, 265.296**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 34.173, 81.703**, and **51, 39.562, 68.867** is the 20% darker color. If you saturate the color by 10%, you get **68, 48.333, 67.685**, and if you desaturate by 10%, it is **74, 31.199, 70.279**.

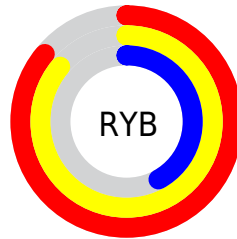
Distribution



Red (86%)

Green (64%)

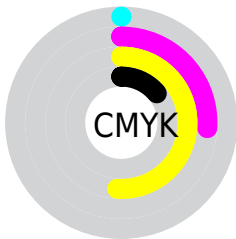
Blue (42%)



Red (86%)

Yellow (86%)

Blue (42%)

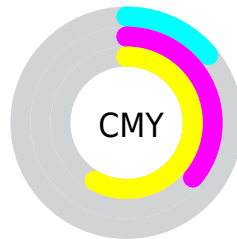


Cyan (0%)

Magenta (26%)

Yellow (51%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 39.654, 68.994 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 71, 39.654, 68.994 by changing the saturation by 10% instead.

71, 39.654, 68.994

71, 39.654, 68.994

100, 39.654,
68.994

61, 39.654, 68.994

91, 39.654, 68.994

51, 39.654, 68.994

41, 39.654, 68.994

31, 39.654, 68.994

21, 39.654, 68.994

11, 39.654, 68.994

1, 39.654, 68.994

0, 39.654, 68.994

71, 39.654, 68.994

71, 39.654, 68.994

68, 48.333, 67.685

74, 31.199, 70.279

65, 56.989, 66.279

77, 23.072, 71.545

63, 65.112, 64.648

80, 15.304, 72.796

60, 71.807, 62.525

84, 7.891, 74.016

58, 76.092, 60.147

87, 0.810, 74.803

90, 5.968, 256.548

94, 10.507,
249.629

96, 10.823,
211.855

98, 12.210,
198.690

Harmonies

Complementary

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



71, 39.654, 68.994



65, 34.159, 265.296

Rectangle

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



71, 39.654, 68.994



71, 39.654, 118.994



71, 39.654, 248.994



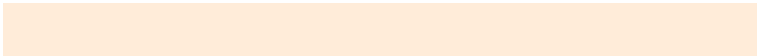
71, 39.654, 298.994

Sweetspot

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



71, 39.654, 68.999



94, 12.098, 73.541



60, 50.974, 349.218



50, 8.295, 73.281



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 39.654, 68.999



78, 54.604, 67.638



85, 56.363, 105.334



44, 3.997, 74.223



47, 63.776, 60.790



10, 18.352, 59.800

Inverse Universe

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



65, 34.159, 265.296



70, 45.684, 268.551



50, 65.085, 297.744



44, 3.910, 256.718



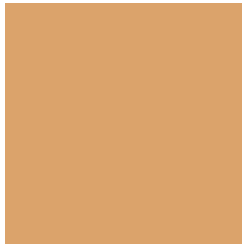
37, 53.849, 283.853



7, 18.121, 273.806

Previews

White Background



This preview shows how the CIELCh color 71, 39.654, 68.994 looks on a white background.

Color Contrast Check

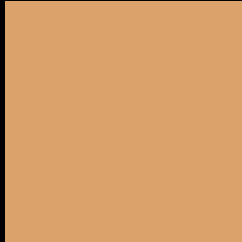
Large Text (above 18pt) WCAG AA × Fail

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 71, 39.654, 68.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

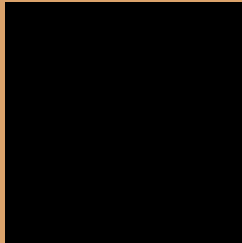
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 39.654, 68.994

Background



This preview shows how black text looks on a background with the CIELCh color 71, 39.654, 68.994.



This preview shows how white text looks on a background with the CIELCh color 71, 39.654, 68.994.

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


71, 39.654, 68.994

Protanopia

71, 34.538, 95.355

Deuteranopia

71, 38.355, 76.098



Tritanopia
71, 27.744, 8.700

Trichromacy



Original Color
71, 39.654, 68.994

Protanomaly
71, 35.526, 85.459

Deuteranomaly
71, 38.954, 73.610

Tritanomaly
71, 27.497, 36.326

Monochromacy



Original Color
71, 39.654, 68.994

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 13.818, 71.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 39.654, 68.994 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(219, 163, 107)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 107)  
}
```

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(219, 163, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 39.654, 68.994 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(219, 163, 107) }
```

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

```
.border{ border-color:rgb(219, 163, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 163, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 163, 107);  
box-shadow:4px 4px 4px 4px rgb(219, 163,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 39.654, 68.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 107) }
```

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

```
.background{ background-color: rgb(219,  
163, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor