

Converting Colors

CIELCh(71, 24.409, 95.044)

Have a look what the booklet for
CIELCh(71, 24.409, 95.044) contains.

CIELCh(71, 24.409, 95.044)	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, 24.409, 95.044)

Conversions

Conversions Part 1

Format	Color
Hex	BBAE82
RGB	187, 174, 130
RGB Percent	73%, 68%, 51%
CMY	0.2686, 0.3195, 0.4920
CMYK	0.00, 0.07, 0.31, 0.27
HSL	46°, 29%, 62%
HSV	46°, 31%, 73%
XYZ	39.4135, 42.1875, 27.0225
YIQ	172.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

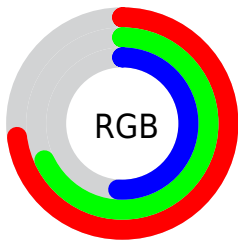
Format	Color
RYB	147, 187, 130
Decimal	12299906
CIELab	71.00, -2.15, 24.31
CIELCh	71, 24.409, 95.044
Yxy	42.1875, 0.3628, 0.3884
Android (android.graphics.Color)	4290489986 (0xFFBBAE82)
YUV	172.8710, -21.1354, 12.3911
Hunter-Lab	64.9519, -5.3503, 20.7994

Details

The CIELCh color **71, 24.409, 95.044** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 25.101, 283.058**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.388, 94.461**, and **51, 24.641, 95.381** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.443, 93.801**, and if you desaturate by 10%, it is **72, 16.360, 96.268**.

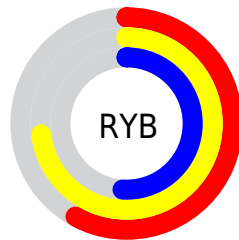
Distribution



Red (73%)

Green (68%)

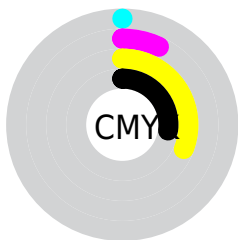
Blue (51%)



Red (58%)

Yellow (73%)

Blue (51%)

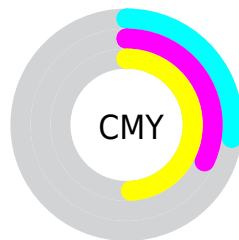


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 24.409, 95.044 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, 24.409, 95.044 by changing the saturation by 10% instead.

■ 71, 24.409, 95.044

■ 71, 24.409, 95.044

■ 100, 24.409,
95.044

■ 61, 24.409, 95.044

■ 91, 24.409, 95.044

■ 51, 24.409, 95.044

■ 41, 24.409, 95.044

■ 31, 24.409, 95.044

■ 21, 24.409, 95.044

■ 11, 24.409, 95.044

■ 1, 24.409, 95.044

■ 0, 24.409, 95.044

■ 71, 24.409, 95.044

■ 71, 24.409, 95.044

70, 32.443, 93.801

72, 16.360, 96.268

68, 40.349, 92.529

74, 8.353, 97.446

67, 47.935, 91.232

76, 0.420, 98.224

66, 54.875, 89.901

77, 7.424, 279.744

64, 60.668, 88.505

79, 15.174,
280.793

63, 64.675, 86.983

81, 22.828,
281.801

62, 66.775, 85.399

82, 27.762,
281.450

83, 25.751,
277.219

84, 23.901,
272.341

Harmonies

Complementary

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



71, 24.409, 95.044



60, 25.101, 283.058

Rectangle

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



71, 24.409, 95.044



71, 24.409, 145.044



71, 24.409, 275.044



71, 24.409, 325.044

Sweetspot

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



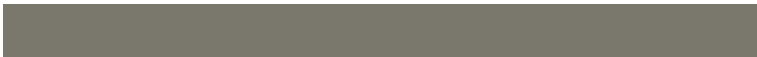
71, 24.410, 95.049



94, 8.810, 97.606



60, 23.969, 4.146



50, 6.178, 97.438



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 24.410, 95.049



89, 36.614, 94.171



73, 30.993, 118.689



39, 4.529, 97.582



53, 59.158, 85.652



8, 12.479, 90.972

Inverse Universe

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



60, 25.101, 283.058



72, 37.990, 284.397



57, 33.022, 302.747



37, 4.572, 279.829



23, 78.443, 301.123



2, 14.649, 283.232

Previews

White Background



This preview shows how the CIELCh color 71, 24.409, 95.044 looks on a white background.

Color Contrast Check

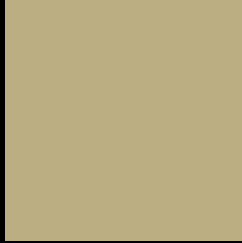
Large Text (above 18pt) WCAG AA × Fail

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 71, 24.409, 95.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

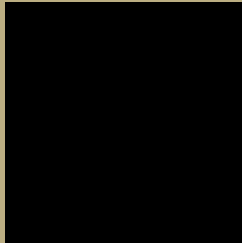
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 24.409, 95.044

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.409, 95.044.



This preview shows how white text looks on a background with the CIELCh color 71, 24.409, 95.044.

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, 24.409, 95.044

Protanopia

71, 24.317, 96.000

Deuteranopia

71, 25.486, 69.535



Tritanopia
71, 11.810, 343.635

Trichromacy



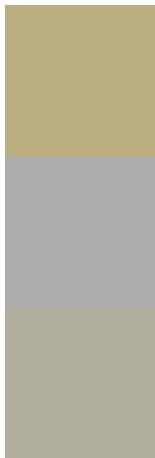
Original Color
71, 24.409, 95.044

Protanomaly
71, 24.317, 96.000

Deuteranomaly
71, 24.558, 78.456

Tritanomaly
71, 9.057, 44.769

Monochromacy



Original Color
71, 24.409, 95.044

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 8.835, 99.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.409, 95.044 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(187, 174, 130)` looks like.

```
.text, #text, p{  
    color:rgb(187, 174, 130)  
}
```

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(187, 174, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.409, 95.044 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(187, 174, 130) }
```

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

```
.border{ border-color:rgb(187, 174, 130) }
```

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

Here you see how a box with a 4 pixel rgb(187, 174, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 174, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 174, 130);  
box-shadow:4px 4px 4px 4px rgb(187, 174,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.409, 95.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 174, 130) }
```

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

```
.background{ background-color: rgb(187,  
174, 130) }
```

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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