

Converting Colors

CIELCh(74, 41.509, 95.093)

Have a look what the booklet for
CIELCh(74, 41.509, 95.093) contains.

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Color

CIELCh(74, 41.505, 95.457)

Conversions

Conversions Part 1

Format	Color
Hex	C8B669
RGB	200, 182, 105
RGB Percent	78%, 71%, 41%
CMY	0.2161, 0.2866, 0.5886
CMYK	0.00, 0.09, 0.48, 0.22
HSL	49°, 46%, 60%
HSV	49°, 48%, 78%
XYZ	43.0495, 46.7039, 20.0878
YIQ	178.6040, 35.4450, -20.1310

Conversions

Conversions Part 2

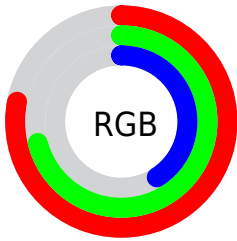
Format	Color
RYB	127, 200, 105
Decimal	13153897
CIELab	74.00, -3.95, 41.32
CIELCh	74, 41.505, 95.457
Yxy	46.7039, 0.3919, 0.4252
Android (android.graphics.Color)	4291343977 (0xFFC8B669)
YUV	178.6040, -36.2868, 18.7643
Hunter-Lab	68.3403, -7.1534, 30.4106

Details

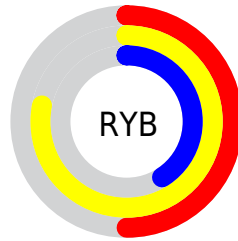
The CIELCh color **74, 41.505, 95.457** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 44.533, 288.726**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 41.152, 97.423**, and **54, 41.442, 95.272** is the 20% darker color. If you saturate the color by 10%, you get **73, 49.782, 94.238**, and if you desaturate by 10%, it is **75, 32.890, 96.674**.

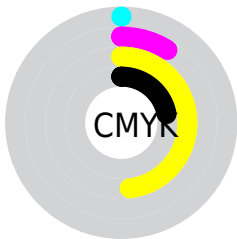
Distribution



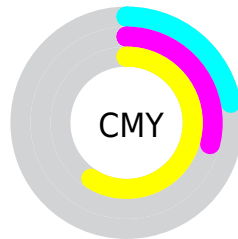
- Red (78%)
- Green (71%)
- Blue (41%)



- Red (50%)
- Yellow (78%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (48%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.505, 95.457 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, 41.505, 95.457 by changing the saturation by 10% instead.

 74, 41.505, 95.457

 74, 41.505, 95.457

 100, 41.505,
95.457

 64, 41.505, 95.457

 94, 41.505, 95.457

 54, 41.505, 95.457

 44, 41.505, 95.457

 34, 41.505, 95.457

 24, 41.505, 95.457

 14, 41.505, 95.457

 4, 41.505, 95.457

 0, 41.505, 95.457

 74, 41.505, 95.457

 74, 41.505, 95.457

73, 49.782, 94.238

75, 32.890, 96.674

72, 57.399, 93.006

77, 24.126, 97.870

70, 63.870, 91.756

78, 15.325, 99.042

69, 68.556, 90.456

79, 6.549, 100.173

68, 70.990, 89.054

81, 2.168, 281.374

68, 71.453, 88.701

82, 10.807,
282.385

84, 19.360,
283.400

85, 22.748,
281.912

86, 20.974,
277.378

Harmonies

Complementary

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



74, 41.505, 95.457



53, 44.533, 288.726

Rectangle

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



74, 41.505, 95.457



74, 41.505, 145.457



74, 41.505, 275.457



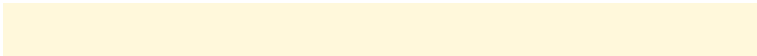
74, 41.505, 325.457

Sweetspot

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



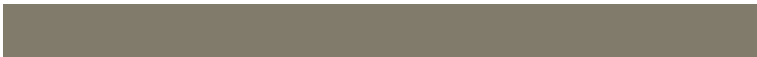
74, 41.506, 95.461



97, 14.907, 99.423



56, 40.214, 9.632



52, 10.300, 99.172



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, 41.506, 95.461



91, 60.089, 94.200



77, 50.469, 119.116



41, 4.925, 99.967



56, 61.544, 88.939



11, 16.233, 93.340

Inverse Universe

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



53, 44.533, 288.726



60, 66.274, 291.228



51, 55.963, 305.354



39, 4.985, 282.157



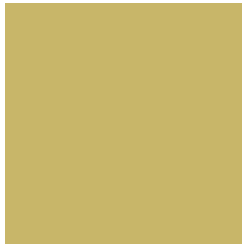
22, 84.095, 302.541



2, 18.692, 286.347

Previews

White Background



This preview shows how the CIELCh color 74, 41.505, 95.457 looks on a white background.

Color Contrast Check

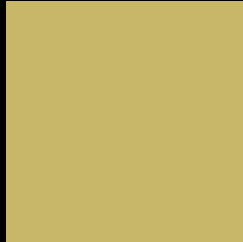
Large Text (above 18pt) WCAG AA × Fail

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 74, 41.505, 95.457 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, 41.505, 95.457

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.505, 95.457.



This preview shows how white text looks on a background with the CIELCh color 74, 41.505, 95.457.

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, 41.505, 95.457

Protanopia

74, 41.505, 95.457

Deuteranopia

74, 41.719, 77.329



Tritanopia
74, 15.530, 351.734

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.505, 95.457 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(200, 182, 105)` looks like.

```
.text, #text, p{  
    color:rgb(200, 182, 105)  
}
```

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(200, 182, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 182, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.505, 95.457 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(200, 182, 105) }
```

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

```
.border{ border-color:rgb(200, 182, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 182, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 182, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 182, 105);  
box-shadow:4px 4px 4px 4px rgb(200, 182,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.505, 95.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 182, 105) }
```

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

```
.background{ background-color: rgb(200,  
182, 105) }
```

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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