

Converting Colors

CIELCh(75, 40.390, 97.931)

Have a look what the booklet for
CIELCh(75, 40.390, 97.931) contains.

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Color

CIELCh(75, 40.494, 98.461)

Conversions

Conversions Part 1

Format	Color
Hex	C7BA6E
RGB	199, 186, 110
RGB Percent	78%, 73%, 43%
CMY	0.2204, 0.2713, 0.5693
CMYK	0.00, 0.07, 0.45, 0.22
HSL	51°, 44%, 61%
HSV	51°, 45%, 78%
XYZ	43.8274, 48.2781, 21.7111
YIQ	181.2230, 32.1440, -20.8800

Conversions

Conversions Part 2

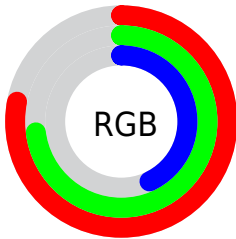
Format	Color
RYB	125, 199, 110
Decimal	13089390
CIELab	75.00, -5.96, 40.05
CIElCh	75, 40.494, 98.461
Yxy	48.2781, 0.3851, 0.4242
Android (android.graphics.Color)	4291279470 (0xFFC7BA6E)
YUV	181.2230, -35.1129, 15.5904
Hunter-Lab	69.4824, -9.0019, 30.1115

Details

The CIELCh color **75, 40.494, 98.461** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **54, 43.865, 290.326**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 40.299, 99.661**, and **55, 40.470, 98.641** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.044, 97.327**, and if you desaturate by 10%, it is **76, 31.601, 99.607**.

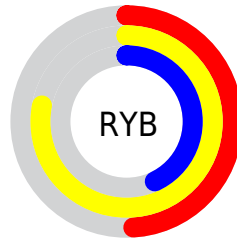
Distribution



Red (78%)

Green (73%)

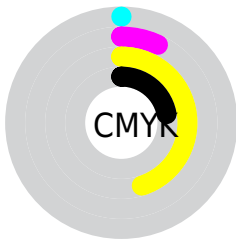
Blue (43%)



Red (49%)

Yellow (78%)

Blue (43%)

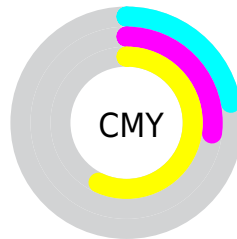


Cyan (0%)

Magenta (7%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 40.494, 98.461 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 75, 40.494, 98.461 by changing the saturation by 10% instead.

 75, 40.494, 98.461

 75, 40.494, 98.461

 100, 40.494,
98.461

 65, 40.494, 98.461

 95, 40.494, 98.461

 55, 40.494, 98.461

 45, 40.494, 98.461

 35, 40.494, 98.461

 25, 40.494, 98.461

 15, 40.494, 98.461

 5, 40.494, 98.461

 0, 40.494, 98.461

 75, 40.494, 98.461

 75, 40.494, 98.461

74, 49.044, 97.327

76, 31.601, 99.607

73, 56.956, 96.204

77, 22.543,
100.741

72, 63.787, 95.103

78, 13.426,
101.856

71, 68.948, 94.020

70, 71.882, 92.929

80, 4.313, 102.928

70, 72.793, 92.351

81, 4.761, 284.044

82, 13.774,
285.046

84, 22.715,
286.019

84, 24.365,
284.381

85, 22.932,
281.339

Harmonies

Complementary

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



75, 40.494, 98.461



54, 43.865, 290.326

Rectangle

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



75, 40.494, 98.461



75, 40.494, 148.461



75, 40.494, 278.461



75, 40.494, 328.461

Sweetspot

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



75, 40.495, 98.464



98, 14.472, 102.028



57, 37.534, 12.867



52, 10.131, 101.782



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 40.495, 98.464



93, 59.194, 97.322



76, 47.978, 121.294



41, 5.154, 102.441



58, 62.949, 92.519



11, 17.087, 96.837

Inverse Universe

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



54, 43.865, 290.326



61, 66.005, 292.597



53, 52.438, 306.636



39, 5.232, 284.550



21, 87.698, 303.784



2, 19.322, 287.723

Previews

White Background



This preview shows how the CIELCh color 75, 40.494, 98.461 looks on a white background.

Color Contrast Check

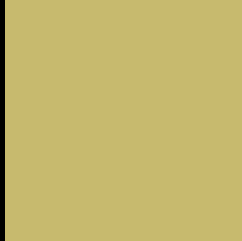
Large Text (above 18pt) WCAG AA × Fail

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 75, 40.494, 98.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

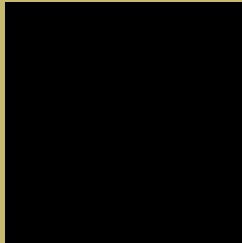
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 40.494, 98.461

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.494, 98.461.



This preview shows how white text looks on a background with the CIELCh color 75, 40.494, 98.461.

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

75, 40.494, 98.461

Protanopia

75, 40.823, 96.057

Deuteranopia

75, 40.479, 76.039



Tritanopia
75, 13.848, 347.657

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.494, 98.461 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(199, 186, 110)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 110)  
}
```

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(199, 186, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.494, 98.461 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(199, 186, 110) }
```

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

```
.border{ border-color:rgb(199, 186, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 186, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 110);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.494, 98.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 110) }
```

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

```
.background{ background-color: rgb(199,  
186, 110) }
```

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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