

Converting Colors

CIELCh(75, 40.723, 98.158)

Have a look what the booklet for
CIELCh(75, 40.723, 98.158) contains.

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Color

CIELCh(75, 40.993, 98.499)

Conversions

Conversions Part 1

Format	Color
Hex	C7BA6D
RGB	199, 186, 109
RGB Percent	78%, 73%, 43%
CMY	0.2202, 0.2711, 0.5731
CMYK	0.00, 0.07, 0.45, 0.22
HSL	51°, 44%, 60%
HSV	51°, 45%, 78%
XYZ	43.7933, 48.2781, 21.4393
YIQ	181.1090, 32.4650, -21.1910

Conversions

Conversions Part 2

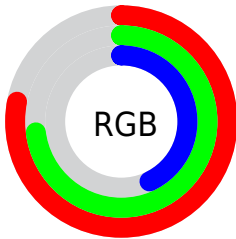
Format	Color
RYB	124, 199, 109
Decimal	13089389
CIELab	75.00, -6.06, 40.54
CIELCh	75, 40.993, 98.499
Yxy	48.2781, 0.3858, 0.4253
Android (android.graphics.Color)	4291279469 (0xFFC7BA6D)
YUV	181.1090, -35.5497, 15.6904
Hunter-Lab	69.4824, -9.0896, 30.3434

Details

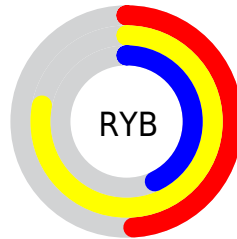
The CIELCh color **75, 40.993, 98.499** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 44.487, 290.509**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 40.788, 99.703**, and **55, 40.959, 98.652** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.528, 97.368**, and if you desaturate by 10%, it is **76, 32.101, 99.642**.

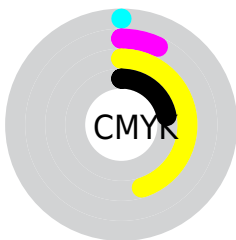
Distribution



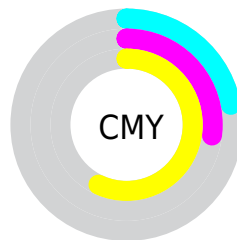
- Red (78%)
- Green (73%)
- Blue (43%)



- 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, 40.993, 98.499 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, 40.993, 98.499 by changing the saturation by 10% instead.

 75, 40.993, 98.499

 75, 40.993, 98.499

 100, 40.993,
98.499

 65, 40.993, 98.499

 95, 40.993, 98.499

 55, 40.993, 98.499

 45, 40.993, 98.499

 35, 40.993, 98.499

 25, 40.993, 98.499

 15, 40.993, 98.499

 5, 40.993, 98.499

 0, 40.993, 98.499

 75, 40.993, 98.499

 75, 40.993, 98.499

74, 49.528, 97.368

76, 32.101, 99.642

73, 57.404, 96.251

77, 23.034,
100.775

72, 64.168, 95.156

78, 13.903,
101.890

71, 69.230, 94.081

70, 72.044, 92.999

80, 4.773, 102.965

70, 72.870, 92.482

81, 4.320, 284.080

82, 13.354,
285.081

83, 22.318,
286.055

84, 24.472,
284.621

85, 23.049,
281.641

Harmonies

Complementary

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



75, 40.993, 98.499



53, 44.487, 290.509

Rectangle

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



75, 40.993, 98.499



75, 40.993, 148.499



75, 40.993, 278.499



75, 40.993, 328.499

Sweetspot

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



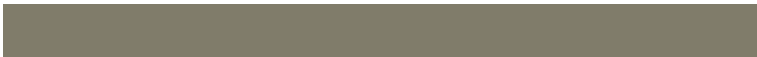
75, 40.994, 98.502



98, 15.614, 102.005



57, 37.988, 12.967



52, 10.783, 101.764



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, 40.994, 98.502



93, 59.273, 97.420



76, 48.489, 121.271



41, 5.163, 102.529



58, 63.006, 92.647



11, 17.120, 96.959

Inverse Universe

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



53, 44.487, 290.509



61, 66.138, 292.673



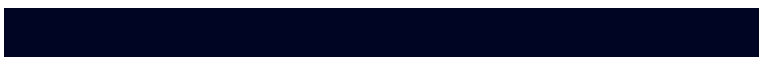
53, 53.060, 306.676



39, 5.241, 284.634



21, 87.821, 303.825



2, 19.346, 287.772

Previews

White Background



This preview shows how the CIELCh color 75, 40.993, 98.499 looks on a white background.

Color Contrast Check

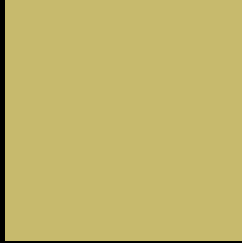
Large Text (above 18pt) WCAG AA × Fail

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, 40.993, 98.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

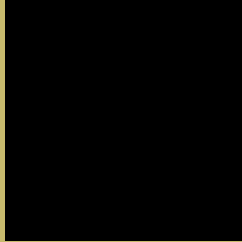
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 40.993, 98.499

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.993, 98.499.



This preview shows how white text looks on a background with the CIELCh color 75, 40.993, 98.499.

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, 40.993, 98.499

Protanopia

75, 41.320, 96.121

Deuteranopia

75, 40.939, 76.330



Tritanopia
75, 13.848, 347.657

Trichromacy



Original Color
75, 40.993, 98.499

Protanomaly
75, 41.239, 96.707

Deuteranomaly
75, 40.410, 84.655

Tritanomaly
75, 14.417, 67.835

Monochromacy



Original Color
75, 40.993, 98.499

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.136, 102.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.993, 98.499 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.993, 98.499 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, 109) }
```

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

```
.border{ border-color:rgb(199, 186, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 109);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.993, 98.499 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, 109) }
```

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

```
.background{ background-color: rgb(199,  
186, 109) }
```

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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