

Converting Colors

CIELCh(70, 49.633, 95.381)

Have a look what the booklet for
CIELCh(70, 49.633, 95.381) contains.

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Color

CIELCh(70, 49.633, 95.381)

Conversions

Conversions Part 1

Format	Color
Hex	BEAB4E
RGB	190, 171, 78
RGB Percent	75%, 67%, 31%
CMY	0.2539, 0.3285, 0.6932
CMYK	0.00, 0.10, 0.59, 0.25
HSL	50°, 46%, 53%
HSV	50°, 59%, 75%
XYZ	37.2904, 40.7494, 13.1508
YIQ	166.0790, 41.1770, -24.8950

Conversions

Conversions Part 2

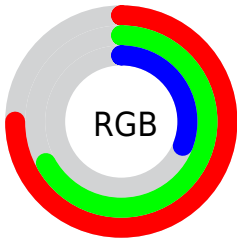
Format	Color
RYB	101, 190, 78
Decimal	12495694
CIELab	70.00, -4.65, 49.41
CIELCh	70, 49.633, 95.381
Yxy	40.7494, 0.4089, 0.4469
Android (android.graphics.Color)	4290685774 (0xFFBEAB4E)
YUV	166.0790, -43.4229, 20.9787
Hunter-Lab	63.8353, -7.4381, 32.4702

Details

The CIELCh color **70, 49.633, 95.381** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **44, 55.451, 292.435**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 49.702, 95.099**, and **50, 49.731, 95.226** is the 20% darker color. If you saturate the color by 10%, you get **69, 56.877, 94.208**, and if you desaturate by 10%, it is **71, 41.674, 96.564**.

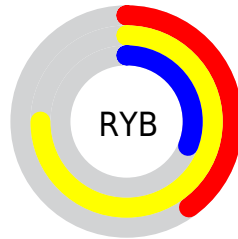
Distribution



Red (75%)

Green (67%)

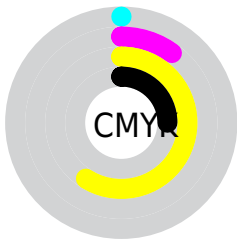
Blue (31%)



Red (40%)

Yellow (75%)

Blue (31%)

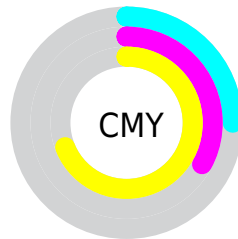


Cyan (0%)

Magenta (10%)

Yellow (59%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 49.633, 95.381 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 70, 49.633, 95.381 by changing the saturation by 10% instead.

70, 49.633, 95.381

70, 49.633, 95.381

100, 49.633,
95.381

60, 49.633, 95.381

90, 49.633, 95.381

50, 49.633, 95.381

40, 49.633, 95.381

30, 49.633, 95.381

20, 49.633, 95.381

10, 49.633, 95.381

0, 49.633, 95.381

70, 49.633, 95.381

70, 49.633, 95.381

69, 56.877, 94.208

71, 41.674, 96.564

68, 62.918, 93.030

72, 33.326, 97.742

67, 67.153, 91.828

73, 24.792, 98.910

66, 69.344, 90.568

75, 16.191,
100.059

66, 69.558, 90.427

76, 7.593, 101.175

77, 0.964, 282.425

79, 9.458, 283.351

80, 17.879,
284.354

81, 26.221,
285.316

Harmonies

Complementary

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



70, 49.633, 95.381



44, 55.451, 292.435

Rectangle

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



70, 49.633, 95.381



70, 49.633, 145.381



70, 49.633, 275.381



70, 49.633, 325.381

Sweetspot

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



70, 49.634, 95.384



94, 19.101, 100.126



49, 48.173, 13.588



50, 13.388, 99.791



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 49.634, 95.384



87, 71.870, 93.825



73, 59.092, 119.358



39, 4.814, 101.124



56, 60.725, 90.623



9, 13.486, 96.369

Inverse Universe

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



44, 55.451, 292.435



49, 84.649, 296.033



42, 67.376, 306.836



37, 4.879, 283.262



21, 83.641, 303.078



2, 15.335, 285.376

Previews

White Background



This preview shows how the CIELCh color 70, 49.633, 95.381 looks on a white background.

Color Contrast Check

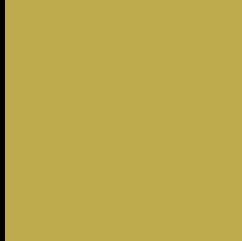
Large Text (above 18pt) WCAG AA × Fail

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 70, 49.633, 95.381 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 70, 49.633, 95.381

Background



This preview shows how black text looks on a background with the CIELCh color 70, 49.633, 95.381.



This preview shows how white text looks on a background with the CIELCh color 70, 49.633, 95.381.

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

70, 49.633, 95.381

Protanopia

70, 49.633, 95.381

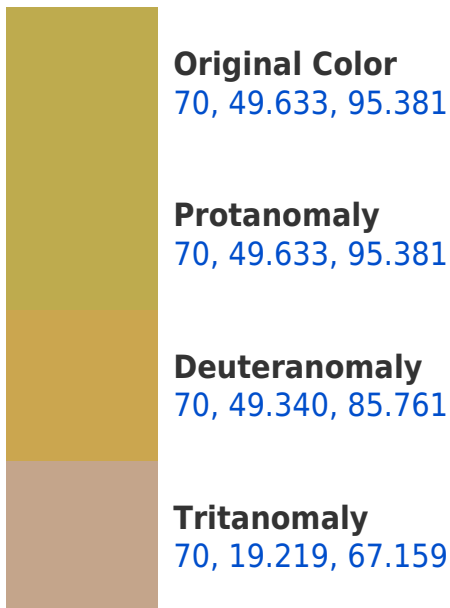
Deuteranopia

70, 49.791, 79.891



Tritanopia
70, 16.167, 354.983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 49.633, 95.381 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(190, 171, 78)` looks like.

```
.text, #text, p{  
    color:rgb(190, 171, 78)  
}
```

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(190, 171, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 171, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 49.633, 95.381 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(190, 171, 78) }
```

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

```
.border{ border-color:rgb(190, 171, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 171, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 171, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 171, 78);  
box-shadow:4px 4px 4px 4px rgb(190, 171,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 49.633, 95.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 171, 78) }
```

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

```
.background{ background-color: rgb(190,  
171, 78) }
```

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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