

Converting Colors

CIELCh(70, 31.592, 98.529)

Have a look what the booklet for
CIELCh(70, 31.592, 98.529) contains.

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Color

CIELCh(70, 31.622, 98.507)

Conversions

Conversions Part 1

Format	Color
Hex	B7AC72
RGB	183, 172, 114
RGB Percent	72%, 67%, 45%
CMY	0.2826, 0.3258, 0.5532
CMYK	0.00, 0.06, 0.38, 0.28
HSL	50°, 32%, 58%
HSV	50°, 38%, 72%
XYZ	37.2832, 40.7494, 21.7995
YIQ	168.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

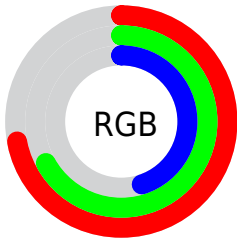
Format	Color
RYB	127, 183, 114
Decimal	12037234
CIELab	70.00, -4.68, 31.27
CIELCh	70, 31.622, 98.507
Yxy	40.7494, 0.3735, 0.4082
Android (android.graphics.Color)	4290227314 (0xFFB7AC72)
YUV	168.6770, -26.9558, 12.5613
Hunter-Lab	63.8353, -7.4581, 24.4373

Details

The CIELCh color **70, 31.622, 98.507** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 33.542, 288.197**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 31.280, 98.178**, and **50, 31.604, 98.420** is the 20% darker color. If you saturate the color by 10%, you get **69, 39.795, 97.354**, and if you desaturate by 10%, it is **71, 23.277, 99.660**.

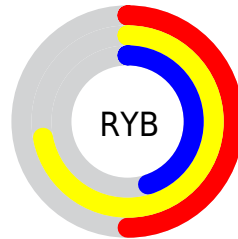
Distribution



Red (72%)

Green (67%)

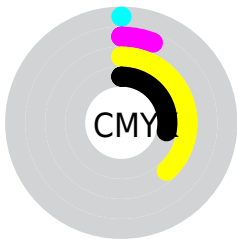
Blue (45%)



Red (50%)

Yellow (72%)

Blue (45%)

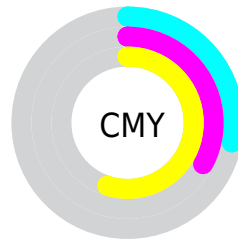


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 31.622, 98.507 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, 31.622, 98.507 by changing the saturation by 10% instead.

■ 70, 31.622, 98.507

■ 70, 31.622, 98.507

■ 100, 31.622,
98.507

■ 60, 31.622, 98.507

■ 90, 31.622, 98.507

■ 50, 31.622, 98.507

■ 40, 31.622, 98.507

■ 30, 31.622, 98.507

■ 20, 31.622, 98.507

■ 10, 31.622, 98.507

■ 0, 31.622, 98.507

■ 70, 31.622, 98.507

■ 70, 31.622, 98.507

■ 69, 39.795, 97.354

■ 71, 23.277, 99.660

68, 47.606, 96.198

72, 14.867,
100.791

67, 54.757, 95.052

73, 6.457, 101.888

66, 60.799, 93.915

75, 1.916, 283.049

65, 65.162, 92.773

76, 10.232,
284.032

64, 67.500, 91.594

77, 18.479,
285.021

64, 67.942, 91.326

79, 26.652,
285.968

80, 31.979,
285.998

81, 30.472,
283.733

Harmonies

Complementary

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



70, 31.622, 98.507



54, 33.542, 288.197

Rectangle

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



70, 31.622, 98.507



70, 31.622, 148.507



70, 31.622, 278.507



70, 31.622, 328.507

Sweetspot

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



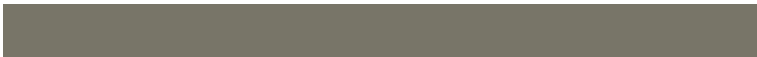
70, 31.623, 98.511



92, 11.381, 101.514



56, 29.185, 10.272



49, 7.712, 101.366



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 31.623, 98.511



87, 46.410, 97.582



71, 37.928, 120.991



38, 4.758, 101.714



55, 60.340, 91.489



8, 12.046, 98.134

Inverse Universe

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



54, 33.542, 288.197



63, 50.131, 289.822



53, 40.840, 305.532



36, 4.824, 283.825



20, 83.386, 303.341



2, 13.600, 285.117

Previews

White Background



This preview shows how the CIELCh color 70, 31.622, 98.507 looks on a white background.

Color Contrast Check

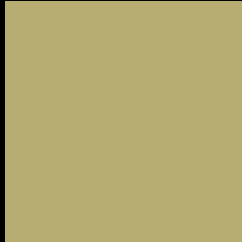
Large Text (above 18pt) WCAG AA × Fail

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 70, 31.622, 98.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

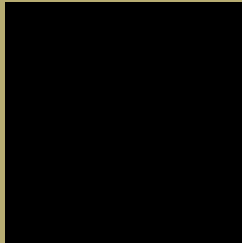
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 31.622, 98.507

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.622, 98.507.



This preview shows how white text looks on a background with the CIELCh color 70, 31.622, 98.507.

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, 31.622, 98.507

Protanopia

70, 31.454, 95.336

Deuteranopia

70, 31.853, 73.918



Tritanopia
70, 12.153, 344.778

Trichromacy



Original Color
70, 31.622, 98.507

Protanomaly
70, 31.364, 96.099

Deuteranomaly
70, 31.184, 82.952

Tritanomaly
70, 10.664, 61.386

Monochromacy



Original Color
70, 31.622, 98.507

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 11.559, 101.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.622, 98.507 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(183, 172, 114)` looks like.

```
.text, #text, p{  
    color:rgb(183, 172, 114)  
}
```

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(183, 172, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 172, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.622, 98.507 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(183, 172, 114) }
```

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

```
.border{ border-color:rgb(183, 172, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 172, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 172, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 172, 114);  
box-shadow:4px 4px 4px 4px rgb(183, 172,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.622, 98.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 172, 114) }
```

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

```
.background{ background-color: rgb(183,  
172, 114) }
```

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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