

Converting Colors

CIELCh(71, 30.803, 90.884)

Have a look what the booklet for
CIELCh(71, 30.803, 90.884) contains.

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Color

CIELCh(71, 30.559, 90.280)

Conversions

Conversions Part 1

Format	Color
Hex	C1AC76
RGB	193, 172, 118
RGB Percent	76%, 67%, 46%
CMY	0.2429, 0.3252, 0.5370
CMYK	0.00, 0.11, 0.39, 0.24
HSL	43°, 38%, 61%
HSV	43°, 39%, 76%
XYZ	40.0501, 42.1875, 23.1918
YIQ	172.1230, 29.8500, -12.3420

Conversions

Conversions Part 2

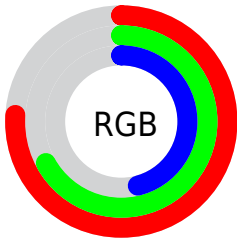
Format	Color
RYB	147, 193, 118
Decimal	12692598
CIELab	71.00, -0.15, 30.56
CIELCh	71, 30.559, 90.280
Yxy	42.1875, 0.3799, 0.4001
Android (android.graphics.Color)	4290882678 (0xFFC1AC76)
YUV	172.1230, -26.6826, 18.3091
Hunter-Lab	64.9519, -3.6008, 24.2962

Details

The CIELCh color **71, 30.559, 90.280** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 31.111, 281.370**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 30.390, 89.618**, and **51, 30.420, 90.394** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.508, 88.943**, and if you desaturate by 10%, it is **73, 22.579, 91.591**.

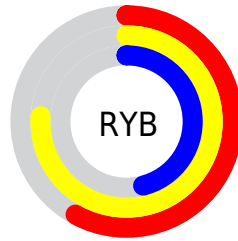
Distribution



Red (76%)

Green (67%)

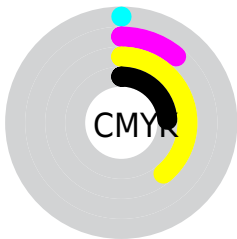
Blue (46%)



Red (58%)

Yellow (76%)

Blue (46%)

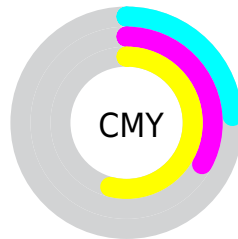


Cyan (0%)

Magenta (11%)

Yellow (39%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 30.559, 90.280 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 71, 30.559, 90.280 by changing the saturation by 10% instead.

■ 71, 30.559, 90.280

■ 71, 30.559, 90.280

■ 100, 30.559,
90.280

■ 61, 30.559, 90.280

■ 91, 30.559, 90.280

■ 51, 30.559, 90.280

■ 41, 30.559, 90.280

■ 31, 30.559, 90.280

■ 21, 30.559, 90.280

■ 11, 30.559, 90.280

■ 1, 30.559, 90.280

■ 0, 30.559, 90.280

■ 71, 30.559, 90.280

■ 71, 30.559, 90.280

69, 38.508, 88.943

73, 22.579, 91.591

68, 46.260, 87.561

75, 14.652, 92.858

66, 53.530, 86.120

76, 6.823, 94.076

65, 59.839, 84.573

78, 0.891, 275.519

63, 64.515, 82.831

80, 8.483, 276.461

62, 67.163, 80.807

82, 15.954,
277.543

61, 67.443, 80.574

84, 23.310,
278.580

86, 21.826,
272.677

87, 19.780,
264.724

Harmonies

Complementary

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



71, 30.559, 90.280



58, 31.111, 281.370

Rectangle

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



71, 30.559, 90.280



71, 30.559, 140.280



71, 30.559, 270.280



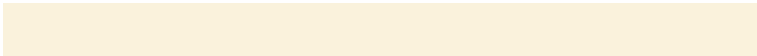
71, 30.559, 320.280

Sweetspot

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



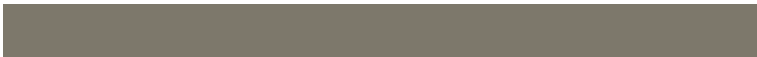
71, 30.560, 90.285



95, 11.443, 93.677



58, 32.164, 1.785



51, 7.597, 93.517



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 30.560, 90.285



88, 45.684, 89.094



75, 39.976, 116.079



40, 4.387, 94.014



52, 58.906, 80.926



9, 13.205, 84.962

Inverse Universe

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



58, 31.111, 281.370



69, 46.921, 283.386



54, 43.696, 301.926



38, 4.409, 276.364



25, 74.199, 298.958



3, 15.744, 282.120

Previews

White Background



This preview shows how the CIELCh color 71, 30.559, 90.280 looks on a white background.

Color Contrast Check

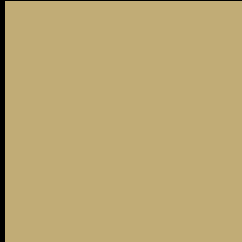
Large Text (above 18pt) WCAG AA × Fail

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 71, 30.559, 90.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

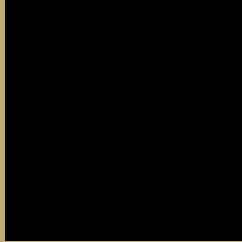
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 30.559, 90.280

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.559, 90.280.



This preview shows how white text looks on a background with the CIELCh color 71, 30.559, 90.280.

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

71, 30.559, 90.280

Protanopia

71, 30.236, 95.931

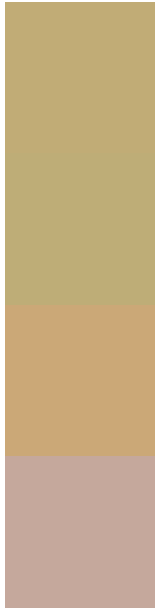
Deuteranopia

71, 31.569, 72.892



Tritanopia
71, 14.499, 354.035

Trichromacy



Original Color
71, 30.559, 90.280

Protanomaly
71, 30.044, 93.403

Deuteranomaly
71, 30.725, 78.403

Tritanomaly
71, 13.312, 49.402

Monochromacy



Original Color
71, 30.559, 90.280

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 11.328, 92.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.559, 90.280 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(193, 172, 118)` looks like.

```
.text, #text, p{  
    color:rgb(193, 172, 118)  
}
```

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(193, 172, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 172, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.559, 90.280 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(193, 172, 118) }
```

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

```
.border{ border-color:rgb(193, 172, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 172, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 172, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 172, 118);  
box-shadow:4px 4px 4px 4px rgb(193, 172,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.559, 90.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 172, 118) }
```

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

```
.background{ background-color: rgb(193,  
172, 118) }
```

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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