

Converting Colors

CIELCh(71, 30.724, 102.404)

Have a look what the booklet for
CIELCh(71, 30.724, 102.404)
contains.

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Color

CIELCh(71, 30.724, 102.404)

Conversions

Conversions Part 1

Format	Color
Hex	B6B077
RGB	182, 176, 119
RGB Percent	71%, 69%, 47%
CMY	0.2873, 0.3108, 0.5343
CMYK	0.00, 0.03, 0.35, 0.29
HSL	54°, 30%, 59%
HSV	54°, 35%, 71%
XYZ	38.0179, 42.1875, 23.5147
YIQ	171.2960, 21.8730, -16.4550

Conversions

Conversions Part 2

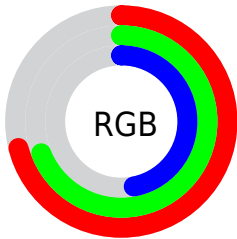
Format	Color
RYB	126, 182, 119
Decimal	11972727
CIELab	71.00, -6.60, 30.01
CIELCh	71, 30.724, 102.404
Yxy	42.1875, 0.3665, 0.4067
Android (android.graphics.Color)	4290162807 (0xFFB6B077)
YUV	171.2960, -25.7819, 9.3874
Hunter-Lab	64.9519, -9.1854, 24.0014

Details

The CIELCh color **71, 30.724, 102.404** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 32.883, 290.707**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 30.409, 101.793**, and **51, 30.685, 102.771** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.308, 101.351**, and if you desaturate by 10%, it is **72, 21.937, 103.470**.

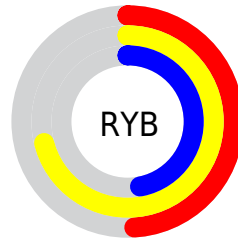
Distribution



Red (71%)

Green (69%)

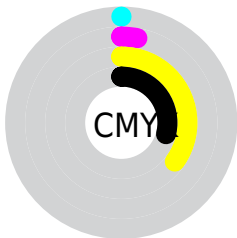
Blue (47%)



Red (49%)

Yellow (71%)

Blue (47%)

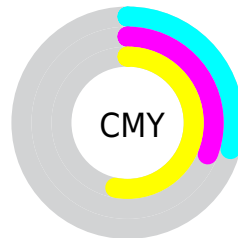


Cyan (0%)

Magenta (3%)

Yellow (35%)

Black (29%)



Cyan (29%)


Magenta (31%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.724, 102.404 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, 30.724, 102.404 by changing the saturation by 10% instead.


 71, 30.724,
102.404


 71, 30.724,
102.404


 100, 30.724,
102.404


 61, 30.724,
102.404


 91, 30.724,
102.404

 51, 30.724,
102.404

 41, 30.724,
102.404

 31, 30.724,
102.404

 21, 30.724,
102.404

 11, 30.724,
102.404

 1, 30.724, 102.404

■ 0, 30.724, 102.404

■ 71, 30.724,
102.404

■ 71, 30.724,
102.404

■ 70, 39.308,
101.351

■ 72, 21.937,
103.470

■ 70, 47.509,
100.318

■ 73, 13.052,
104.523

■ 69, 55.050, 99.326

■ 74, 4.138, 105.545

■ 68, 61.524, 98.396

■ 74, 4.766, 286.598

■ 68, 66.418, 97.542

■ 75, 13.634,
287.561

■ 67, 69.274, 96.766

■ 76, 22.451,
288.495

■ 67, 70.266, 96.370

■ 78, 31.209,

289.388

■ 78, 35.057,
289.272

■ 79, 34.116,
288.148

Harmonies

Complementary

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



71, 30.724, 102.404



54, 32.883, 290.707

Rectangle

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



71, 30.724, 102.404



71, 30.724, 152.404



71, 30.724, 282.404



71, 30.724, 332.404

Sweetspot

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



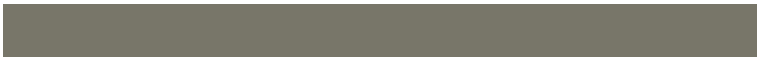
71, 30.725, 102.408



93, 11.055, 104.988



57, 26.426, 14.870



50, 7.604, 104.843



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 30.725, 102.408



89, 45.980, 101.555



71, 35.233, 123.762



38, 5.086, 105.073



58, 62.688, 96.454



9, 13.242, 103.202

Inverse Universe

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



54, 32.883, 290.707



64, 50.264, 292.200



54, 37.411, 307.483



36, 5.176, 287.070



19, 87.784, 304.828



1, 14.305, 287.360

Previews

White Background



This preview shows how the CIELCh color 71, 30.724, 102.404 looks on a white background.

Color Contrast Check

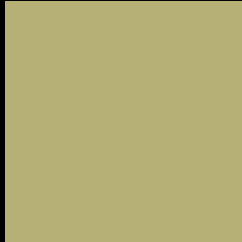
Large Text (above 18pt) WCAG AA × Fail

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 71, 30.724, 102.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

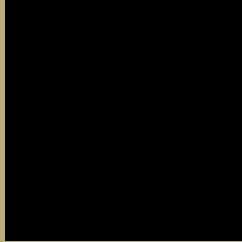
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 30.724, 102.404

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.724, 102.404.



This preview shows how white text looks on a background with the CIELCh color 71, 30.724, 102.404.

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, 30.724, 102.404

Protanopia

71, 30.754, 96.053

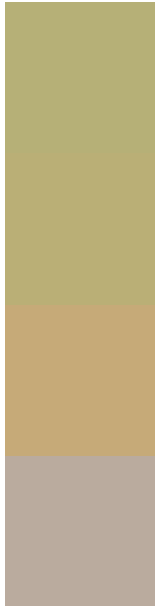
Deuteranopia

71, 30.390, 72.579



Tritanopia
71, 10.632, 338.544

Trichromacy



Original Color
71, 30.724, 102.404

Protanomaly
71, 31.012, 98.496

Deuteranomaly
71, 29.716, 83.854

Tritanomaly
71, 9.209, 69.671

Monochromacy



Original Color
71, 30.724, 102.404

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.446, 105.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.724, 102.404 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(182, 176, 119)` looks like.

```
.text, #text, p{  
    color:rgb(182, 176, 119)  
}
```

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(182, 176, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.724, 102.404 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(182, 176, 119) }
```

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

```
.border{ border-color:rgb(182, 176, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 176, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 176, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 176, 119);  
box-shadow:4px 4px 4px 4px rgb(182, 176,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.724, 102.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 176, 119) }
```

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

```
.background{ background-color: rgb(182,  
176, 119) }
```

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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