

Converting Colors

CIELCh(71, 30.910, 100.559)

Have a look what the booklet for
CIELCh(71, 30.910, 100.559)
contains.

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Color

CIELCh(71, 30.890, 100.046)

Conversions

Conversions Part 1

Format	Color
Hex	B8AF76
RGB	184, 175, 118
RGB Percent	72%, 69%, 46%
CMY	0.2782, 0.3135, 0.5370
CMYK	0.00, 0.05, 0.36, 0.28
HSL	52°, 32%, 59%
HSV	52°, 36%, 72%
XYZ	38.3942, 42.1875, 23.2747
YIQ	171.1930, 23.6610, -15.8190

Conversions

Conversions Part 2

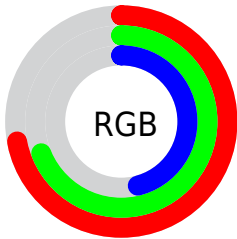
Format	Color
RYB	128, 184, 118
Decimal	12103542
CIELab	71.00, -5.39, 30.42
CIELCh	71, 30.890, 100.046
Yxy	42.1875, 0.3697, 0.4062
Android (android.graphics.Color)	4290293622 (0xFFB8AF76)
YUV	171.1930, -26.2241, 11.2317
Hunter-Lab	64.9519, -8.1515, 24.2205

Details

The CIELCh color **71, 30.890, 100.046** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 32.840, 289.002**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 30.580, 99.578**, and **51, 30.845, 100.181** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.279, 98.929**, and if you desaturate by 10%, it is **72, 22.326, 101.167**.

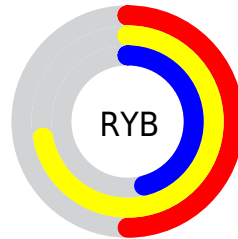
Distribution



Red (72%)

Green (69%)

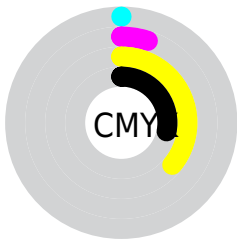
Blue (46%)



Red (50%)

Yellow (72%)

Blue (46%)

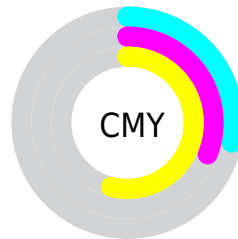


Cyan (0%)

Magenta (5%)

Yellow (36%)

Black (28%)



Cyan (28%)


Magenta (31%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 30.890, 100.046 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, 30.890, 100.046 by changing the saturation by 10% instead.


 71, 30.890,
100.046


 71, 30.890,
100.046


 100, 30.890,
100.046


 61, 30.890,
100.046


 91, 30.890,
100.046

 51, 30.890,
100.046

 41, 30.890,
100.046

 31, 30.890,
100.046

 21, 30.890,
100.046

 11, 30.890,
100.046

 1, 30.890, 100.046

0, 30.890, 100.046

71, 30.890,
100.046

71, 30.890,
100.046

70, 39.279, 98.929

72, 22.326,
101.167

69, 47.312, 97.817

73, 13.689,
102.268

68, 54.705, 96.726

68, 61.031, 95.665

74, 5.045, 103.334

67, 65.743, 94.633

75, 3.570, 284.439

66, 68.370, 93.608

76, 12.134,
285.427

66, 69.140, 93.187

78, 20.636,
286.394

79, 29.068,

287.318

■ 80, 32.012,
286.708

■ 81, 30.700,
284.801

Harmonies

Complementary

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



71, 30.890, 100.046



55, 32.840, 289.002

Rectangle

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



71, 30.890, 100.046



71, 30.890, 150.046



71, 30.890, 280.046



71, 30.890, 330.046

Sweetspot

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



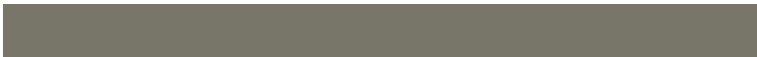
71, 30.891, 100.050



93, 11.757, 102.773



57, 27.747, 11.239



49, 7.897, 102.629



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, 30.891, 100.050



89, 45.720, 99.169



72, 36.417, 121.751



38, 4.873, 102.970



56, 61.121, 93.326



8, 12.464, 100.099

Inverse Universe

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



55, 32.840, 289.002



65, 49.519, 290.526



54, 38.980, 305.932



36, 4.949, 285.040



20, 85.114, 303.941



2, 13.850, 285.947

Previews

White Background



This preview shows how the CIELCh color 71, 30.890, 100.046 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, 30.890, 100.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

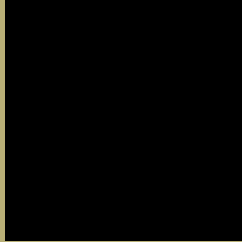
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 30.890, 100.046

Background



This preview shows how black text looks on a background with the CIELCh color 71, 30.890, 100.046.

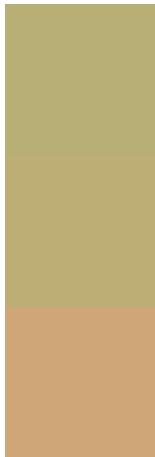


This preview shows how white text looks on a background with the CIELCh color 71, 30.890, 100.046.

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, 30.890, 100.046

Protanopia

71, 31.272, 96.168

Deuteranopia

71, 30.848, 73.059



Tritanopia
71, 11.510, 342.455

Trichromacy



Original Color
71, 30.890, 100.046

Protanomaly
71, 31.189, 96.934

Deuteranomaly
71, 30.128, 82.348

Tritanomaly
71, 10.036, 64.434

Monochromacy



Original Color
71, 30.890, 100.046

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.995, 100.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 30.890, 100.046 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(184, 175, 118)` looks like.

```
.text, #text, p{  
    color:rgb(184, 175, 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(184, 175, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 175, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 30.890, 100.046 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(184, 175, 118) }
```

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

```
.border{ border-color:rgb(184, 175, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 175, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 175, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 175, 118);  
box-shadow:4px 4px 4px 4px rgb(184, 175,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 30.890, 100.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 175, 118) }
```

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

```
.background{ background-color: rgb(184,  
175, 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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