

Converting Colors

CIELCh(68, 62.807, 97.834)

Have a look what the booklet for
CIELCh(68, 62.807, 97.834) contains.

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Color

CIELCh(68, 62.971, 97.886)

Conversions

Conversions Part 1

Format	Color
Hex	B6A829
RGB	182, 168, 41
RGB Percent	71%, 66%, 16%
CMY	0.2874, 0.3422, 0.8404
CMYK	0.00, 0.08, 0.78, 0.29
HSL	54°, 63%, 44%
HSV	54°, 78%, 71%
XYZ	33.5688, 37.9720, 7.6291
YIQ	157.7080, 49.1110, -36.5290

Conversions

Conversions Part 2

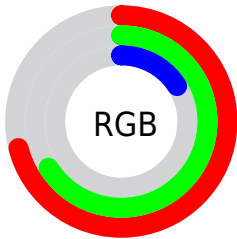
Format	Color
RYB	57, 182, 41
Decimal	11970601
CIELab	68.00, -8.64, 62.38
CIELCh	68, 62.971, 97.886
Yxy	37.9720, 0.4240, 0.4796
Android (android.graphics.Color)	4290160681 (0xFFB6A829)
YUV	157.7080, -57.5370, 21.3041
Hunter-Lab	61.6215, -10.5982, 35.7945

Details

The CIELCh color **68, 62.971, 97.886** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **31, 78.978, 300.273**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 63.043, 97.962**, and **48, 54.351, 98.214** is the 20% darker color. If you saturate the color by 10%, you get **67, 67.300, 97.040**, and if you desaturate by 10%, it is **69, 56.913, 98.811**.

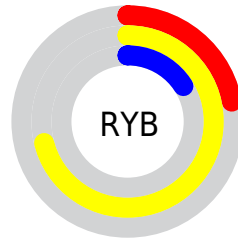
Distribution



Red (71%)

Green (66%)

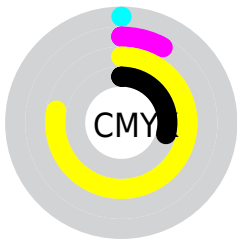
Blue (16%)



Red (22%)

Yellow (71%)

Blue (16%)

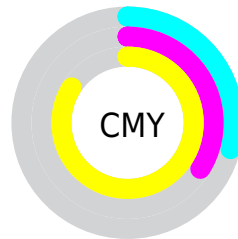


Cyan (0%)

Magenta (8%)

Yellow (78%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 62.971, 97.886 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 68, 62.971, 97.886 by changing the saturation by 10% instead.

68, 62.971, 97.886

68, 62.971, 97.886

100, 62.971,
97.886

58, 62.971, 97.886

88, 62.971, 97.886

48, 62.971, 97.886

98, 62.971, 97.886

38, 62.971, 97.886

28, 62.971, 97.886

18, 62.971, 97.886

8, 62.971, 97.886

0, 62.971, 97.886

68, 62.971, 97.886

68, 62.971, 97.886

67, 67.300, 97.040

69, 56.913, 98.811

67, 69.625, 96.256

69, 49.650, 99.797

67, 70.077, 96.073

70, 41.629,
100.829

71, 33.161,
101.887

71, 24.448,
102.954

72, 15.616,
104.016

73, 6.742, 105.056

74, 2.130, 286.139

75, 10.971,
287.091

Harmonies

Complementary

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



68, 62.971, 97.886



31, 78.978, 300.273

Rectangle

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



68, 62.971, 97.886



68, 62.971, 147.886



68, 62.971, 277.886



68, 62.971, 327.886

Sweetspot

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



68, 62.971, 97.888



91, 25.314, 103.403



41, 62.276, 26.174



49, 17.649, 103.019



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 62.971, 97.888



85, 84.327, 96.488



68, 72.259, 122.677



38, 5.065, 104.878



58, 62.528, 96.162



9, 13.166, 102.924

Inverse Universe

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



31, 78.978, 300.273



33, 116.187, 304.112



33, 84.288, 310.080



36, 5.154, 286.882



19, 87.551, 304.753



1, 14.261, 287.228

Previews

White Background



This preview shows how the CIELCh color 68, 62.971, 97.886 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 68, 62.971, 97.886 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 68, 62.971, 97.886

Background



This preview shows how black text looks on a background with the CIELCh color 68, 62.971, 97.886.



This preview shows how white text looks on a background with the CIELCh color 68, 62.971, 97.886.

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

68, 62.971, 97.886

Protanopia

68, 62.944, 95.340

Deuteranopia

68, 61.967, 81.760



Tritanopia
68, 15.215, 352.956

Trichromacy



Original Color
68, 62.971, 97.886

Protanomaly
68, 63.100, 96.616

Deuteranomaly
68, 61.672, 87.899

Tritanomaly
67, 24.128, 78.580

Monochromacy



Original Color
68, 62.971, 97.886

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 25.277, 102.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 62.971, 97.886 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, 168, 41)` looks like.

```
.text, #text, p{  
    color:rgb(182, 168, 41)  
}
```

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, 168, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 168, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 62.971, 97.886 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, 168, 41) }
```

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

```
.border{ border-color:rgb(182, 168, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 168, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 168, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 168, 41);  
box-shadow:4px 4px 4px 4px rgb(182, 168,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 62.971, 97.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 168, 41) }
```

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

```
.background{ background-color: rgb(182,  
168, 41) }
```

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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