

Converting Colors

CIELCh(70, 60.880, 98.890)

Have a look what the booklet for
CIELCh(70, 60.880, 98.890) contains.

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Color

CIELCh(70, 60.964, 98.959)

Conversions

Conversions Part 1

Format	Color
Hex	BAAE35
RGB	186, 174, 53
RGB Percent	73%, 68%, 21%
CMY	0.2723, 0.3192, 0.7939
CMYK	0.00, 0.06, 0.72, 0.27
HSL	55°, 56%, 47%
HSV	55°, 72%, 73%
XYZ	35.8308, 40.7494, 9.2927
YIQ	163.7940, 45.9930, -35.0870

Conversions

Conversions Part 2

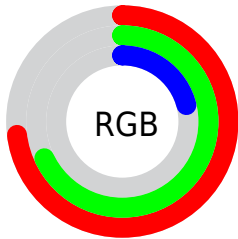
Format	Color
RYB	66, 186, 53
Decimal	12234293
CIELab	70.00, -9.49, 60.22
CIElCh	70, 60.964, 98.959
Yxy	40.7494, 0.4173, 0.4745
Android (android.graphics.Color)	4290424373 (0xFFBAAE35)
YUV	163.7940, -54.6214, 19.4747
Hunter-Lab	63.8353, -11.5194, 36.0537

Details

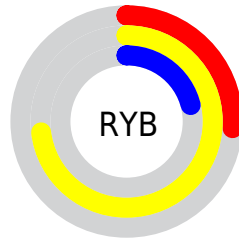
The CIELCh color **70, 60.964, 98.959** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **34, 74.520, 299.125**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 61.060, 98.857**, and **50, 56.259, 99.403** is the 20% darker color. If you saturate the color by 10%, you get **69, 66.462, 98.104**, and if you desaturate by 10%, it is **71, 54.006, 99.897**.

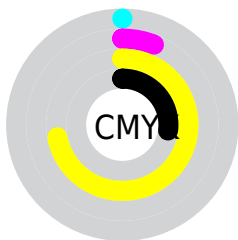
Distribution



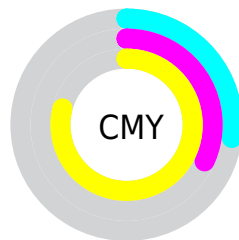
- Red (73%)
- Green (68%)
- Blue (21%)



- Red (26%)
- Yellow (73%)
- Blue (21%)



- Cyan (0%)
- Magenta (6%)
- Yellow (72%)
- Black (27%)



- Cyan (27%)
- Magenta (32%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 60.964, 98.959 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, 60.964, 98.959 by changing the saturation by 10% instead.

 70, 60.964, 98.959

 70, 60.964, 98.959

 100, 60.964,
98.959

 60, 60.964, 98.959

 90, 60.964, 98.959

 50, 60.964, 98.959

 40, 60.964, 98.959

 30, 60.964, 98.959

 20, 60.964, 98.959

 10, 60.964, 98.959

 0, 60.964, 98.959

 70, 60.964, 98.959

 70, 60.964, 98.959

 69, 66.462, 98.104

 71, 54.006, 99.897

69, 69.992, 97.333

71, 46.085,
100.893

69, 71.596, 96.741

72, 37.579,
101.928

73, 28.738,
102.982

73, 19.722,
104.038

74, 10.626,
105.082

75, 1.512, 106.055

76, 7.585, 287.129

77, 16.642,
288.084

Harmonies

Complementary

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



70, 60.964, 98.959



34, 74.520, 299.125

Rectangle

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



70, 60.964, 98.959



70, 60.964, 148.959



70, 60.964, 278.959



70, 60.964, 328.959

Sweetspot

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



70, 60.964, 98.962



93, 24.862, 103.965



43, 58.666, 23.941



50, 16.831, 103.678



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 60.964, 98.962



88, 83.990, 97.649



70, 69.413, 122.587



38, 5.113, 105.322



58, 62.897, 96.829



9, 13.341, 103.554

Inverse Universe

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



34, 74.520, 299.125



37, 111.569, 302.933



36, 79.948, 309.855



36, 5.205, 287.311



19, 88.076, 304.922



1, 14.363, 287.530

Previews

White Background



This preview shows how the CIELCh color 70, 60.964, 98.959 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 70, 60.964, 98.959 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, 60.964, 98.959

Background



This preview shows how black text looks on a background with the CIELCh color 70, 60.964, 98.959.



This preview shows how white text looks on a background with the CIELCh color 70, 60.964, 98.959.

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, 60.964, 98.959

Protanopia

70, 60.750, 95.056

Deuteranopia

70, 59.924, 81.109



Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 60.964, 98.959

Protanomaly
70, 60.908, 96.365

Deuteranomaly
70, 59.682, 87.423

Tritanomaly
70, 22.547, 79.414

Monochromacy



Original Color
70, 60.964, 98.959

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 24.019, 103.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 60.964, 98.959 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(186, 174, 53)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 53)  
}
```

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(186, 174, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 60.964, 98.959 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(186, 174, 53) }
```

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

```
.border{ border-color:rgb(186, 174, 53) }
```

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

Here you see how a box with a 4 pixel rgb(186, 174, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 53);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 60.964, 98.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 53) }
```

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

```
.background{ background-color: rgb(186,  
174, 53) }
```

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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