

Converting Colors

CIELCh(69, 60.932, 98.405)

Have a look what the booklet for
CIELCh(69, 60.932, 98.405) contains.

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Color

CIELCh(69, 60.955, 98.439)

Conversions

Conversions Part 1

Format	Color
Hex	B8AB32
RGB	184, 171, 50
RGB Percent	72%, 67%, 20%
CMY	0.2801, 0.3309, 0.8055
CMYK	0.00, 0.07, 0.73, 0.28
HSL	54°, 57%, 46%
HSV	54°, 73%, 72%
XYZ	34.7228, 39.3444, 8.7347
YIQ	161.0930, 46.5890, -34.8750

Conversions

Conversions Part 2

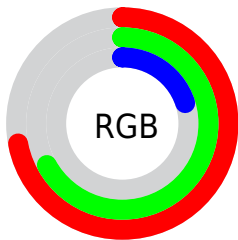
Format	Color
RYB	64, 184, 50
Decimal	12102450
CIELab	69.00, -8.95, 60.30
CIELCh	69, 60.955, 98.439
Yxy	39.3444, 0.4193, 0.4752
Android (android.graphics.Color)	4290292530 (0xFFB8AB32)
YUV	161.0930, -54.7688, 20.0894
Hunter-Lab	62.7251, -10.9564, 35.6512

Details

The CIELCh color **69, 60.955, 98.439** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **33, 74.763, 299.196**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 60.746, 98.387**, and **49, 55.304, 98.822** is the 20% darker color. If you saturate the color by 10%, you get **68, 66.181, 97.568**, and if you desaturate by 10%, it is **70, 54.224, 99.389**.

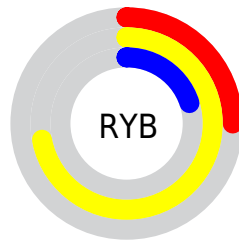
Distribution



Red (72%)

Green (67%)

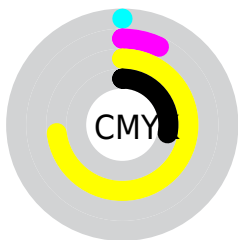
Blue (20%)



Red (25%)

Yellow (72%)

Blue (20%)

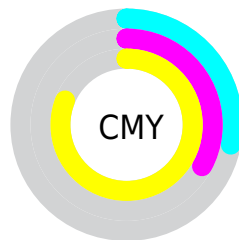


Cyan (0%)

Magenta (7%)

Yellow (73%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 60.955, 98.439 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 69, 60.955, 98.439 by changing the saturation by 10% instead.

69, 60.955, 98.439

69, 60.955, 98.439

100, 60.955,
98.439

59, 60.955, 98.439

89, 60.955, 98.439

49, 60.955, 98.439

99, 60.955, 98.439

39, 60.955, 98.439

29, 60.955, 98.439

19, 60.955, 98.439

9, 60.955, 98.439

0, 60.955, 98.439

69, 60.955, 98.439

69, 60.955, 98.439

68, 66.181, 97.568

70, 54.224, 99.389

68, 69.409, 96.770

70, 46.494,
100.393

68, 70.717, 96.242

71, 38.155,
101.436

72, 29.468,
102.497

73, 20.598,
103.562

73, 11.645,
104.615

74, 2.671, 105.622

75, 6.286, 286.681

76, 15.203,
287.643

Harmonies

Complementary

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



69, 60.955, 98.439



33, 74.763, 299.196

Rectangle

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



69, 60.955, 98.439



69, 60.955, 148.439



69, 60.955, 278.439



69, 60.955, 328.439

Sweetspot

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



69, 60.955, 98.442



92, 24.485, 103.627



42, 59.208, 24.405



49, 16.434, 103.343



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 60.955, 98.442



87, 83.699, 97.042



69, 69.766, 122.596



38, 5.078, 104.992



58, 62.621, 96.333



9, 13.210, 103.087

Inverse Universe

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



33, 74.763, 299.196



35, 112.206, 303.171



35, 80.580, 309.911



36, 5.167, 286.992



19, 87.688, 304.797



1, 14.287, 287.306

Previews

White Background



This preview shows how the CIELCh color 69, 60.955, 98.439 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 69, 60.955, 98.439 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 69, 60.955, 98.439

Background



This preview shows how black text looks on a background with the CIELCh color 69, 60.955, 98.439.



This preview shows how white text looks on a background with the CIELCh color 69, 60.955, 98.439.

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

69, 60.955, 98.439

Protanopia

69, 61.000, 95.410

Deuteranopia

69, 60.133, 81.488



Tritanopia
69, 14.825, 352.175

Trichromacy



Original Color
69, 60.955, 98.439

Protanomaly
69, 61.166, 96.717

Deuteranomaly
69, 59.912, 87.795

Tritanomaly
69, 22.848, 78.429

Monochromacy



Original Color
69, 60.955, 98.439

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 24.127, 102.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 60.955, 98.439 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, 171, 50)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 50)  
}
```

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, 171, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 60.955, 98.439 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, 171, 50) }
```

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

```
.border{ border-color:rgb(184, 171, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 50);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 60.955, 98.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 50) }
```

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

```
.background{ background-color: rgb(184,  
171, 50) }
```

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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