

Converting Colors

CIELCh(70, 60.009, 96.101)

Have a look what the booklet for
CIELCh(70, 60.009, 96.101) contains.

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Color

CIELCh(70, 60.159, 96.353)

Conversions

Conversions Part 1

Format	Color
Hex	BEAC36
RGB	190, 172, 54
RGB Percent	75%, 67%, 21%
CMY	0.2547, 0.3252, 0.7880
CMYK	0.00, 0.09, 0.72, 0.25
HSL	52°, 56%, 48%
HSV	52°, 72%, 75%
XYZ	36.6818, 40.7494, 9.4297
YIQ	163.9300, 48.6060, -32.8820

Conversions

Conversions Part 2

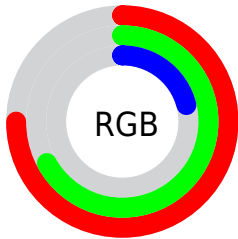
Format	Color
RYB	75, 190, 54
Decimal	12495926
CIELab	70.00, -6.66, 59.79
CIELCh	70, 60.159, 96.353
Yxy	40.7494, 0.4223, 0.4691
Android (android.graphics.Color)	4290686006 (0xFFBEAC36)
YUV	163.9300, -54.1955, 22.8634
Hunter-Lab	63.8353, -9.1400, 35.9264

Details

The CIELCh color **70, 60.159, 96.353** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **36, 72.134, 297.476**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 60.164, 96.405**, and **50, 55.878, 96.359** is the 20% darker color. If you saturate the color by 10%, you get **69, 65.752, 95.327**, and if you desaturate by 10%, it is **71, 53.141, 97.420**.

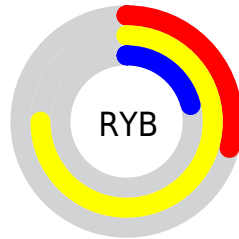
Distribution



Red (75%)

Green (67%)

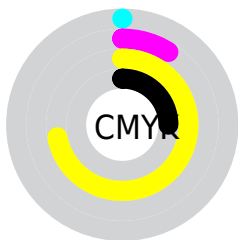
Blue (21%)



Red (29%)

Yellow (75%)

Blue (21%)

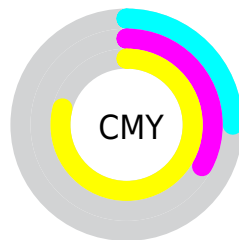


Cyan (0%)

Magenta (9%)

Yellow (72%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 60.159, 96.353 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, 60.159, 96.353 by changing the saturation by 10% instead.

■ 70, 60.159, 96.353

■ 70, 60.159, 96.353

■ 100, 60.159,
96.353

■ 60, 60.159, 96.353

■ 90, 60.159, 96.353

■ 50, 60.159, 96.353

■ 40, 60.159, 96.353

■ 30, 60.159, 96.353

■ 20, 60.159, 96.353

■ 10, 60.159, 96.353

■ 0, 60.159, 96.353

■ 70, 60.159, 96.353

■ 70, 60.159, 96.353

■ 69, 65.752, 95.327

■ 71, 53.141, 97.420

68, 69.355, 94.322

72, 45.220, 98.514

68, 70.965, 93.479

73, 36.773, 99.627

74, 28.043,
100.745

75, 19.179,
101.854

76, 10.271,
102.942

77, 1.371, 103.935

78, 7.490, 285.069

79, 16.294,
286.054

Harmonies

Complementary

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



70, 60.159, 96.353



36, 72.134, 297.476

Rectangle

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



70, 60.159, 96.353



70, 60.159, 146.353



70, 60.159, 276.353



70, 60.159, 326.353

Sweetspot

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



70, 60.159, 96.356



94, 23.144, 101.878



44, 58.955, 21.462



50, 15.791, 101.569



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 60.159, 96.356



87, 83.038, 94.739



71, 70.054, 121.244



39, 5.006, 103.177



57, 61.992, 93.622



9, 14.188, 99.372

Inverse Universe

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



36, 72.134, 297.476



39, 108.689, 301.665



37, 81.559, 309.035



37, 5.084, 285.247



20, 86.504, 304.065



2, 15.786, 286.654

Previews

White Background



This preview shows how the CIELCh color 70, 60.159, 96.353 looks on a white background.

Color Contrast Check

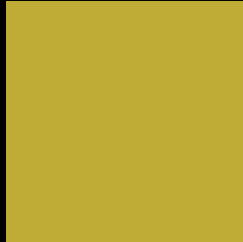
Large Text (above 18pt) WCAG AA × Fail

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 70, 60.159, 96.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

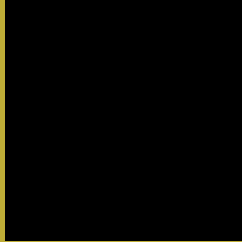
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 60.159, 96.353

Background



This preview shows how black text looks on a background with the CIELCh color 70, 60.159, 96.353.



This preview shows how white text looks on a background with the CIELCh color 70, 60.159, 96.353.

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, 60.159, 96.353

Protanopia

70, 59.999, 95.027

Deuteranopia

70, 59.702, 81.552



Tritanopia
70, 16.319, 357.379

Trichromacy



Original Color
70, 60.159, 96.353

Protanomaly
70, 59.918, 95.453

Deuteranomaly
70, 59.063, 86.880

Tritanomaly
70, 23.251, 74.333

Monochromacy



Original Color
70, 60.159, 96.353

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 23.557, 101.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 60.159, 96.353 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(190, 172, 54)` looks like.

```
.text, #text, p{  
    color:rgb(190, 172, 54)  
}
```

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(190, 172, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 172, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 60.159, 96.353 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(190, 172, 54) }
```

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

```
.border{ border-color:rgb(190, 172, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 172, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 172, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 172, 54);  
box-shadow:4px 4px 4px 4px rgb(190, 172,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 60.159, 96.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 172, 54) }
```

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

```
.background{ background-color: rgb(190,  
172, 54) }
```

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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