

Converting Colors

CIELCh(70, 54.094, 99.198)

Have a look what the booklet for
CIELCh(70, 54.094, 99.198) contains.

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Color

CIELCh(70, 54.061, 99.027)

Conversions

Conversions Part 1

Format	Color
Hex	B9AD45
RGB	185, 173, 69
RGB Percent	73%, 68%, 27%
CMY	0.2736, 0.3207, 0.7285
CMYK	0.00, 0.06, 0.63, 0.27
HSL	54°, 46%, 50%
HSV	54°, 63%, 73%
XYZ	36.1327, 40.7494, 11.6267
YIQ	164.7320, 40.5360, -29.8000

Conversions

Conversions Part 2

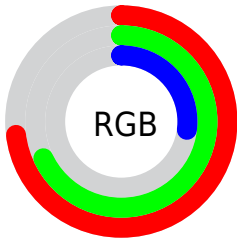
Format	Color
R _Y B	82, 185, 69
Decimal	12168517
CIE Lab	70.00, -8.48, 53.39
CIE LCh	70, 54.061, 99.027
Yxy	40.7494, 0.4082, 0.4604
Android (android.graphics.Color)	4290358597 (0xFFB9AD45)
YUV	164.7320, -47.1959, 17.7750
Hunter-Lab	63.8353, -10.6752, 33.8859

Details

The CIELCh color **70, 54.061, 99.027** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **39, 63.096, 296.314**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 53.772, 99.110**, and **50, 53.995, 98.990** is the 20% darker color. If you saturate the color by 10%, you get **69, 60.869, 98.059**, and if you desaturate by 10%, it is **71, 46.274, 100.052**.

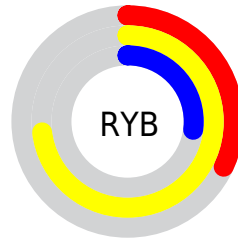
Distribution



Red (73%)

Green (68%)

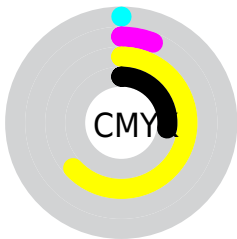
Blue (27%)



Red (32%)

Yellow (73%)

Blue (27%)

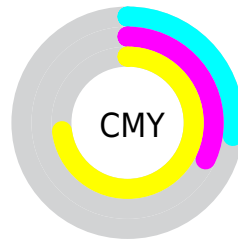


Cyan (0%)

Magenta (6%)

Yellow (63%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 54.061, 99.027 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, 54.061, 99.027 by changing the saturation by 10% instead.

 70, 54.061, 99.027

 70, 54.061, 99.027

 100, 54.061,
99.027

 60, 54.061, 99.027

 90, 54.061, 99.027

 50, 54.061, 99.027

 40, 54.061, 99.027

 30, 54.061, 99.027

 20, 54.061, 99.027

 10, 54.061, 99.027

 0, 54.061, 99.027

 70, 54.061, 99.027

 70, 54.061, 99.027

 69, 60.869, 98.059

 71, 46.274,

69, 66.186, 97.155

100.052

68, 69.502, 96.317

71, 37.895,
101.109

68, 70.878, 95.728

72, 29.180,
102.182

73, 20.292,
103.255

74, 11.329,
104.314

75, 2.351, 105.322

76, 6.605, 286.392

77, 15.519,
287.358

78, 24.376,
288.291

Harmonies

Complementary

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



70, 54.061, 99.027



39, 63.096, 296.314

Rectangle

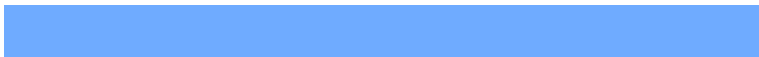
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 54.061, 99.027



70, 54.061, 149.027



70, 54.061, 279.027



70, 54.061, 329.027

Sweetspot

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



70, 54.061, 99.030



92, 21.011, 103.609



46, 50.824, 19.712



49, 14.448, 103.307



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 54.061, 99.030



87, 76.406, 97.727



70, 61.935, 122.000



38, 5.042, 104.658



58, 62.351, 95.832



9, 13.080, 102.608

Inverse Universe

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



39, 63.096, 296.314



42, 95.009, 299.788



40, 70.182, 308.911



36, 5.129, 286.669



19, 87.285, 304.666



1, 14.212, 287.079

Previews

White Background



This preview shows how the CIELCh color 70, 54.061, 99.027 looks on a white background.

Color Contrast Check

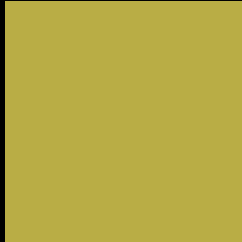
Large Text (above 18pt) WCAG AA × Fail

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, 54.061, 99.027 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, 54.061, 99.027

Background



This preview shows how black text looks on a background with the CIELCh color 70, 54.061, 99.027.



This preview shows how white text looks on a background with the CIELCh color 70, 54.061, 99.027.

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, 54.061, 99.027

Protanopia

70, 53.769, 95.171

Deuteranopia

70, 53.528, 80.695



Tritanopia
70, 14.440, 351.365

Trichromacy



Original Color
70, 54.061, 99.027

Protanomaly
70, 53.950, 96.637

Deuteranomaly
70, 53.019, 87.673

Tritanomaly
70, 18.974, 75.719

Monochromacy



Original Color
70, 54.061, 99.027

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 20.773, 103.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 54.061, 99.027 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(185, 173, 69)` looks like.

```
.text, #text, p{  
    color:rgb(185, 173, 69)  
}
```

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(185, 173, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 173, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 54.061, 99.027 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(185, 173, 69) }
```

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

```
.border{ border-color:rgb(185, 173, 69) }
```

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

Here you see how a box with a 4 pixel rgb(185, 173, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 173, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 173, 69);  
box-shadow:4px 4px 4px 4px rgb(185, 173,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 54.061, 99.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 173, 69) }
```

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

```
.background{ background-color: rgb(185,  
173, 69) }
```

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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