

Converting Colors

CIELCh(69, 53.857, 104.301)

Have a look what the booklet for
CIELCh(69, 53.857, 104.301)
contains.

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Color

CIELCh(69, 53.747, 104.212)

Conversions

Conversions Part 1

Format	Color
Hex	AEAD45
RGB	174, 173, 69
RGB Percent	68%, 68%, 27%
CMY	0.3174, 0.3213, 0.7292
CMYK	0.00, 0.01, 0.60, 0.32
HSL	59°, 43%, 48%
HSV	59°, 60%, 68%
XYZ	33.4989, 39.3444, 11.4676
YIQ	161.4430, 33.9800, -32.1320

Conversions

Conversions Part 2

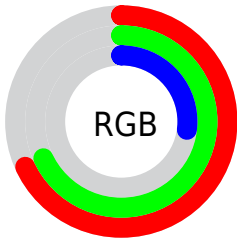
Format	Color
RYB	70, 174, 69
Decimal	11447621
CIELab	69.00, -13.20, 52.10
CIELCh	69, 53.747, 104.212
Yxy	39.3444, 0.3973, 0.4667
Android (android.graphics.Color)	4289637701 (0xFFFAEAD45)
YUV	161.4430, -45.5744, 11.0125
Hunter-Lab	62.7251, -14.4393, 33.0680

Details

The CIELCh color **69, 53.747, 104.212** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **35, 64.019, 299.196**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 53.858, 103.942**, and **49, 53.858, 104.119** is the 20% darker color. If you saturate the color by 10%, you get **69, 60.752, 103.492**, and if you desaturate by 10%, it is **69, 45.777, 105.043**.

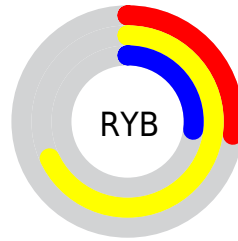
Distribution



Red (68%)

Green (68%)

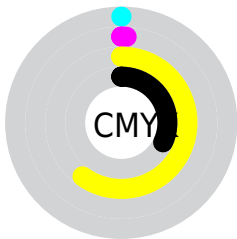
Blue (27%)



Red (27%)

Yellow (68%)

Blue (27%)

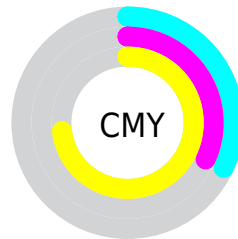


Cyan (0%)

Magenta (1%)

Yellow (60%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 53.747, 104.212 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, 53.747, 104.212 by changing the saturation by 10% instead.


 69, 53.747,
104.212


 69, 53.747,
104.212


 100, 53.747,
104.212


 59, 53.747,
104.212


 89, 53.747,
104.212

 49, 53.747,
104.212

 99, 53.747,
104.212

 39, 53.747,
104.212

 29, 53.747,
104.212

 19, 53.747,
104.212

 9, 53.747, 104.212

 0, 53.747, 104.212

■ 69, 53.747,
104.212

■ 69, 53.747,
104.212

■ 69, 60.752,
103.492

■ 69, 45.777,
105.043

■ 69, 66.358,
102.912

■ 69, 37.183,
105.942

■ 69, 70.151,
102.507

■ 70, 28.206,
106.884

■ 69, 72.268,
102.258

■ 70, 19.004,
107.846

■ 71, 9.679, 108.808

■ 71, 0.297, 109.563

■ 72, 9.099, 290.709

■ 72, 18.480,
291.608

■ 73, 27.827,
292.475

Harmonies

Complementary

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



69, 53.747, 104.212



35, 64.019, 299.196

Rectangle

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



69, 53.747, 104.212



69, 53.747, 154.212



69, 53.747, 284.212



69, 53.747, 334.212

Sweetspot

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



69, 53.748, 104.214



89, 20.897, 108.040



44, 48.033, 26.228



48, 14.623, 107.763



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 53.748, 104.214



87, 76.289, 103.304



66, 58.558, 125.851



37, 5.291, 108.906



60, 64.921, 102.265



7, 11.184, 109.612

Inverse Universe

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



35, 64.019, 299.196



39, 96.196, 302.062



40, 64.329, 311.580



33, 5.404, 290.755



17, 89.789, 306.140



1, 11.258, 289.870

Previews

White Background



This preview shows how the CIELCh color 69, 53.747, 104.212 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, 53.747, 104.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

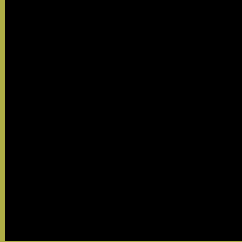
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 53.747, 104.212

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.747, 104.212.



This preview shows how white text looks on a background with the CIELCh color 69, 53.747, 104.212.

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, 53.747, 104.212

Protanopia
69, 53.282, 95.547

Deuteranopia
69, 51.910, 79.966



Tritanopia
69, 10.984, 339.940

Trichromacy



Original Color
69, 53.747, 104.212

Protanomaly
69, 53.285, 98.457

Deuteranomaly
69, 51.159, 89.219

Tritanomaly
69, 17.391, 89.254

Monochromacy



Original Color
69, 53.747, 104.212

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 20.758, 108.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.747, 104.212 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(174, 173, 69)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 173, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.747, 104.212 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(174, 173, 69) }
```

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

```
.border{ border-color:rgb(174, 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(174, 173, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 69);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.747, 104.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 69) }
```

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

```
.background{ background-color: rgb(174,  
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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