

Converting Colors

CIELCh(69, 54.822, 104.574)

Have a look what the booklet for
CIELCh(69, 54.822, 104.574)
contains.

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Color

CIELCh(69, 54.612, 104.596)

Conversions

Conversions Part 1

Format	Color
Hex	ADAD43
RGB	173, 173, 67
RGB Percent	68%, 68%, 26%
CMY	0.3202, 0.3203, 0.7360
CMYK	0.00, 0.00, 0.61, 0.32
HSL	60°, 44%, 47%
HSV	60°, 61%, 68%
XYZ	33.3379, 39.3444, 11.1975
YIQ	160.9160, 34.0260, -32.9660

Conversions

Conversions Part 2

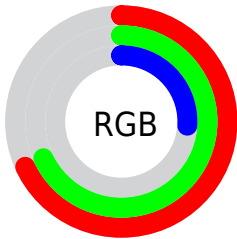
Format	Color
RYB	67, 173, 67
Decimal	11382083
CIELab	69.00, -13.76, 52.85
CIELCh	69, 54.612, 104.596
Yxy	39.3444, 0.3974, 0.4691
Android (android.graphics.Color)	4289572163 (0xFFADAD43)
YUV	160.9160, -46.3006, 10.5977
Hunter-Lab	62.7251, -14.8976, 33.3233

Details

The CIELCh color **69, 54.612, 104.596** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **35, 65.431, 299.687**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 54.310, 104.352**, and **49, 54.650, 104.512** is the 20% darker color. If you saturate the color by 10%, you get **69, 61.525, 103.911**, and if you desaturate by 10%, it is **69, 46.691, 105.400**.

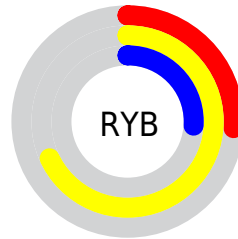
Distribution



Red (68%)

Green (68%)

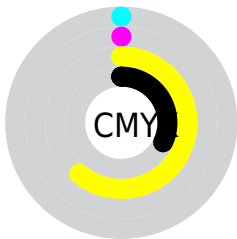
Blue (26%)



Red (26%)

Yellow (68%)

Blue (26%)

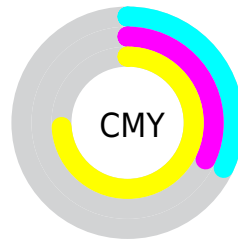


Cyan (0%)

Magenta (0%)

Yellow (61%)

Black (32%)



Cyan (32%)


Magenta (32%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 54.612, 104.596 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, 54.612, 104.596 by changing the saturation by 10% instead.

 69, 54.612,
104.596

 69, 54.612,
104.596

 100, 54.612,
104.596


 59, 54.612,
104.596

 89, 54.612,
104.596

 49, 54.612,
104.596

 99, 54.612,
104.596

 39, 54.612,
104.596

 29, 54.612,
104.596

 19, 54.612,
104.596

 9, 54.612, 104.596

 0, 54.612, 104.596

■ 69, 54.612,
104.596

■ 69, 54.612,
104.596

■ 69, 61.525,
103.911

■ 69, 46.691,
105.400

■ 69, 66.998,
103.377

■ 69, 38.112,
106.279

■ 69, 70.638,
103.028

■ 70, 29.124,
107.206

■ 69, 72.553,
102.846

■ 70, 19.892,
108.156

■ 70, 10.524,
109.111

■ 71, 1.090, 110.012

■ 71, 8.365, 291.001

■ 72, 17.811,
291.897

■ 72, 27.225,
292.762

Harmonies

Complementary

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



69, 54.612, 104.596



35, 65.431, 299.687

Rectangle

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



69, 54.612, 104.596



69, 54.612, 154.596



69, 54.612, 284.596



69, 54.612, 334.596

Sweetspot

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



69, 54.613, 104.598



88, 20.896, 108.429



43, 48.609, 26.446



47, 14.486, 108.159



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 54.613, 104.598



87, 76.878, 103.727



65, 59.067, 125.832



37, 5.340, 109.287



60, 65.371, 102.846



7, 11.343, 110.170

Inverse Universe

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



35, 65.431, 299.687



37, 97.544, 302.534



40, 64.981, 311.617



33, 5.457, 291.122



17, 90.267, 306.286



1, 11.346, 290.174

Previews

White Background



This preview shows how the CIELCh color 69, 54.612, 104.596 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 69, 54.612, 104.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

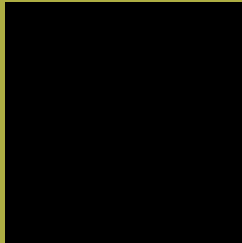
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 54.612, 104.596

Background



This preview shows how black text looks on a background with the CIELCh color 69, 54.612, 104.596.



This preview shows how white text looks on a background with the CIELCh color 69, 54.612, 104.596.

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, 54.612, 104.596

Protanopia

69, 54.150, 95.592

Deuteranopia

69, 52.781, 80.268



Tritanopia
69, 10.984, 339.940

Trichromacy



Original Color
69, 54.612, 104.596

Protanomaly
69, 54.520, 98.961

Deuteranomaly
69, 52.050, 89.375

Tritanomaly
69, 17.391, 89.254

Monochromacy



Original Color
69, 54.612, 104.596

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 20.780, 107.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 54.612, 104.596 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(173, 173, 67)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 67)  
}
```

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(173, 173, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 54.612, 104.596 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(173, 173, 67) }
```

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

```
.border{ border-color:rgb(173, 173, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 67);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 54.612, 104.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 67) }
```

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

```
.background{ background-color: rgb(173,  
173, 67) }
```

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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