

Converting Colors

CIELCh(67, 53.924, 99.554)

Have a look what the booklet for
CIELCh(67, 53.924, 99.554) contains.

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Color

CIELCh(67, 53.675, 99.248)

Conversions

Conversions Part 1

Format	Color
Hex	B0A53E
RGB	176, 165, 62
RGB Percent	69%, 65%, 24%
CMY	0.3086, 0.3518, 0.7557
CMYK	0.00, 0.06, 0.65, 0.31
HSL	54°, 48%, 47%
HSV	54°, 65%, 69%
XYZ	32.3593, 36.6320, 9.9637
YIQ	156.5470, 39.6190, -29.7010

Conversions

Conversions Part 2

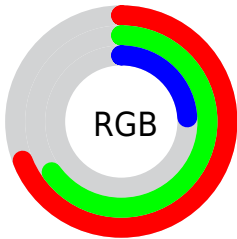
Format	Color
RYB	74, 176, 62
Decimal	11576638
CIELab	67.00, -8.63, 52.98
CIELCh	67, 53.675, 99.248
Yxy	36.6320, 0.4098, 0.4640
Android (android.graphics.Color)	4289766718 (0xFFB0A53E)
YUV	156.5470, -46.6117, 17.0603
Hunter-Lab	60.5244, -10.4826, 32.6065

Details

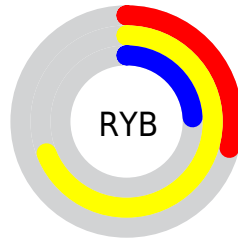
The CIELCh color **67, 53.675, 99.248** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **36, 63.302, 297.044**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 53.952, 99.375**, and **47, 53.579, 99.712** is the 20% darker color. If you saturate the color by 10%, you get **66, 60.007, 98.317**, and if you desaturate by 10%, it is **68, 46.314, 100.245**.

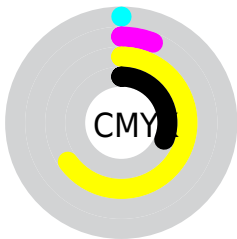
Distribution



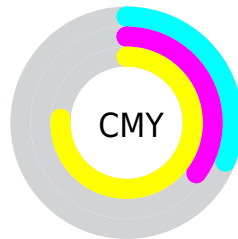
- Red (69%)
- Green (65%)
- Blue (24%)



- Red (29%)
- Yellow (69%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (65%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 53.675, 99.248 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 67, 53.675, 99.248 by changing the saturation by 10% instead.

■ 67, 53.675, 99.248

■ 67, 53.675, 99.248

■ 100, 53.675,
99.248

■ 57, 53.675, 99.248

■ 87, 53.675, 99.248

■ 47, 53.675, 99.248

■ 97, 53.675, 99.248

■ 37, 53.675, 99.248

■ 27, 53.675, 99.248

■ 17, 53.675, 99.248

■ 7, 53.675, 99.248

■ 0, 53.675, 99.248

■ 67, 53.675, 99.248

■ 67, 53.675, 99.248

■ 66, 60.007, 98.317

■ 68, 46.314,

66, 64.810, 97.457	100.245
65, 67.634, 96.673	68, 38.316, 101.279
65, 68.646, 96.273	69, 29.949, 102.336
	70, 21.385, 103.398
	71, 12.729, 104.450
	72, 4.045, 105.470
	72, 4.627, 286.524
	73, 13.265, 287.485
	74, 21.853, 288.418

Harmonies

Complementary

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



67, 53.675, 99.248



36, 63.302, 297.044

Rectangle

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



67, 53.675, 99.248



67, 53.675, 149.248



67, 53.675, 279.248



67, 53.675, 329.248

Sweetspot

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



67, 53.675, 99.251



89, 20.423, 103.962



43, 50.711, 21.506



47, 14.037, 103.667



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 53.675, 99.251



84, 76.094, 97.904



67, 61.406, 122.628



37, 4.961, 105.002



57, 61.877, 96.353



7, 11.466, 103.615

Inverse Universe

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



36, 63.302, 297.044



39, 96.334, 300.754



37, 69.572, 309.473



35, 5.048, 286.994



19, 86.567, 304.776



1, 12.333, 287.003

Previews

White Background



This preview shows how the CIELCh color 67, 53.675, 99.248 looks on a white background.

Color Contrast Check

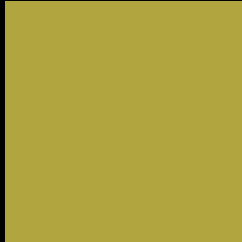
Large Text (above 18pt) WCAG AA × Fail

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 67, 53.675, 99.248 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 67, 53.675, 99.248

Background



This preview shows how black text looks on a background with the CIELCh color 67, 53.675, 99.248.



This preview shows how white text looks on a background with the CIELCh color 67, 53.675, 99.248.

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

67, 53.675, 99.248

Protanopia

67, 53.371, 95.323

Deuteranopia

67, 53.185, 80.603



Tritanopia
67, 13.289, 350.902

Trichromacy



Original Color
67, 53.675, 99.248

Protanomaly
67, 53.555, 96.815

Deuteranomaly
67, 52.638, 87.696

Tritanomaly
67, 19.169, 78.465

Monochromacy



Original Color
67, 53.675, 99.248

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 20.409, 103.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 53.675, 99.248 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(176, 165, 62)` looks like.

```
.text, #text, p{  
    color:rgb(176, 165, 62)  
}
```

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(176, 165, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 165, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 53.675, 99.248 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(176, 165, 62) }
```

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

```
.border{ border-color:rgb(176, 165, 62) }
```

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

Here you see how a box with a 4 pixel rgb(176, 165, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 165, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 165, 62);  
box-shadow:4px 4px 4px 4px rgb(176, 165,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 53.675, 99.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 165, 62) }
```

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

```
.background{ background-color: rgb(176,  
165, 62) }
```

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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