

Converting Colors

CIELCh(67, 52.371, 117.256)

Have a look what the booklet for
CIELCh(67, 52.371, 117.256)
contains.

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Color

CIELCh(67, 52.371, 117.256)

Conversions

Conversions Part 1

Format	Color
Hex	93AD4B
RGB	147, 173, 75
RGB Percent	58%, 68%, 29%
CMY	0.4233, 0.3213, 0.7056
CMYK	0.15, 0.00, 0.57, 0.32
HSL	76°, 39%, 49%
HSV	76°, 57%, 68%
XYZ	28.2740, 36.6320, 12.2487
YIQ	154.0540, 15.9620, -35.9900

Conversions

Conversions Part 2

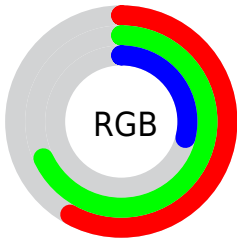
Format	Color
RYB	75, 173, 101
Decimal	9678155
CIELab	67.00, -23.98, 46.56
CIELCh	67, 52.371, 117.256
Yxy	36.6320, 0.3665, 0.4748
Android (android.graphics.Color)	4287868235 (0xFF93AD4B)
YUV	154.0540, -38.9736, -6.1864
Hunter-Lab	60.5244, -22.5311, 30.3682

Details

The CIELCh color **67, 52.371, 117.256** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **39, 59.854, 305.203**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 52.070, 117.048**, and **47, 52.576, 117.250** is the 20% darker color. If you saturate the color by 10%, you get **67, 60.105, 116.945**, and if you desaturate by 10%, it is **68, 43.846, 117.726**.

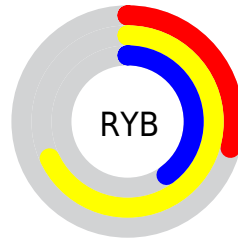
Distribution



Red (58%)

Green (68%)

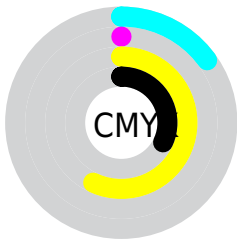
Blue (29%)



Red (29%)

Yellow (68%)

Blue (40%)

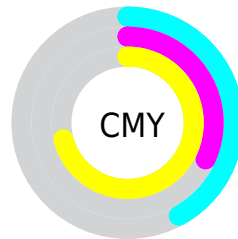


Cyan (15%)

Magenta (0%)

Yellow (57%)

Black (32%)



Cyan (42%)


Magenta (32%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 52.371, 117.256 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, 52.371, 117.256 by changing the saturation by 10% instead.

 67, 52.371,
117.256


 67, 52.371,
117.256


 100, 52.371,
117.256


 57, 52.371,
117.256


 87, 52.371,
117.256

 47, 52.371,
117.256

 97, 52.371,
117.256

 37, 52.371,
117.256

 27, 52.371,
117.256

 17, 52.371,
117.256

 7, 52.371, 117.256

 0, 52.371, 117.256

67, 52.371,
117.256

67, 52.371,
117.256

67, 60.105,
116.945

68, 43.846,
117.726

66, 66.662,
116.875

68, 34.814,
118.283

66, 71.619,
117.150

69, 25.476,
118.883

65, 74.748,
117.837

69, 15.963,
119.497

65, 75.636,
118.096

70, 6.367, 120.106

71, 3.253, 300.677

72, 12.853,
301.243

73, 22.401,
301.771

■ 74, 31.875,
302.265

Harmonies

Complementary

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



67, 52.371, 117.256



39, 59.854, 305.203

Rectangle

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



67, 52.371, 117.256



67, 52.371, 167.256



67, 52.371, 297.256



67, 52.371, 347.256

Sweetspot

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



67, 52.372, 117.258



88, 20.157, 119.456



50, 38.082, 44.437



46, 13.459, 119.338



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 52.372, 117.258



84, 75.163, 116.900



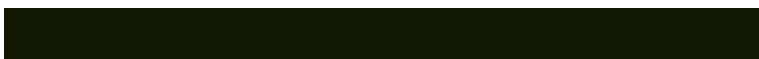
64, 59.545, 134.241



36, 5.448, 119.944



57, 68.170, 117.946



7, 11.706, 123.693

Inverse Universe

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



39, 59.854, 305.203



43, 89.366, 306.457



45, 61.300, 319.548



34, 5.553, 301.068



19, 87.937, 308.040



1, 11.495, 298.624

Previews

White Background



This preview shows how the CIELCh color 67, 52.371, 117.256 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, 52.371, 117.256 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, 52.371, 117.256

Background



This preview shows how black text looks on a background with the CIELCh color 67, 52.371, 117.256.

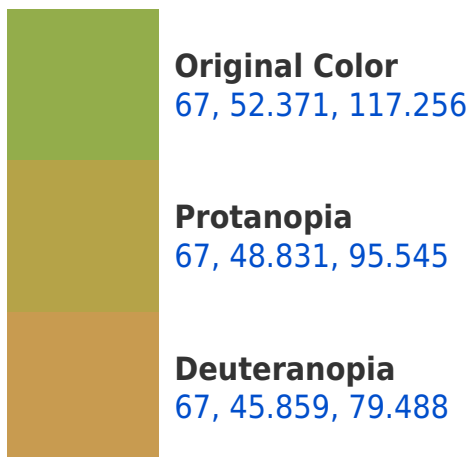


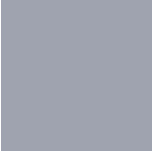
This preview shows how white text looks on a background with the CIELCh color 67, 52.371, 117.256.

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





Tritanopia
67, 6.765, 278.371

Trichromacy



Original Color
67, 52.371, 117.256

Protanomaly
67, 49.364, 103.968

Deuteranomaly
67, 45.663, 94.684

Tritanomaly
67, 16.104, 125.746

Monochromacy



Original Color
67, 52.371, 117.256

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 20.245, 119.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 52.371, 117.256 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(147, 173, 75)` looks like.

```
.text, #text, p{  
    color:rgb(147, 173, 75)  
}
```

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(147, 173, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 173, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 52.371, 117.256 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(147, 173, 75) }
```

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

```
.border{ border-color:rgb(147, 173, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 173, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 173, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 173, 75);  
box-shadow:4px 4px 4px 4px rgb(147, 173,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 52.371, 117.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 173, 75) }
```

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

```
.background{ background-color: rgb(147,  
173, 75) }
```

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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