

Converting Colors

CIELCh(67, 54.693, 104.765)

Have a look what the booklet for
CIELCh(67, 54.693, 104.765)
contains.

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Color

CIELCh(67, 54.656, 104.938)

Conversions

Conversions Part 1

Format	Color
Hex	A7A83E
RGB	167, 168, 62
RGB Percent	65%, 66%, 24%
CMY	0.3446, 0.3407, 0.7564
CMYK	0.01, 0.00, 0.63, 0.34
HSL	61°, 46%, 45%
HSV	61°, 63%, 66%
XYZ	30.8640, 36.6320, 10.0197
YIQ	155.6170, 33.4300, -33.1780

Conversions

Conversions Part 2

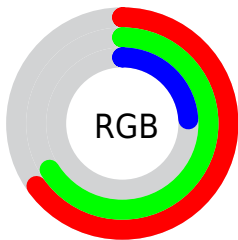
Format	Color
RYB	62, 168, 63
Decimal	10987582
CIELab	67.00, -14.09, 52.81
CIELCh	67, 54.656, 104.938
Yxy	36.6320, 0.3982, 0.4726
Android (android.graphics.Color)	4289177662 (0xFFA7A83E)
YUV	155.6170, -46.1532, 9.9829
Hunter-Lab	60.5244, -14.8927, 32.5517

Details

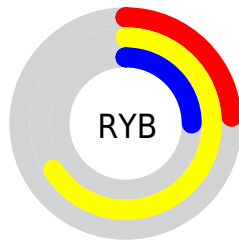
The CIELCh color **67, 54.656, 104.938** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33, 65.948, 300.245**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 54.433, 105.132**, and **47, 54.220, 104.900** is the 20% darker color. If you saturate the color by 10%, you get **67, 61.189, 104.300**, and if you desaturate by 10%, it is **67, 47.074, 105.705**.

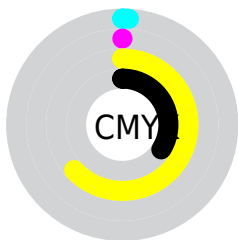
Distribution



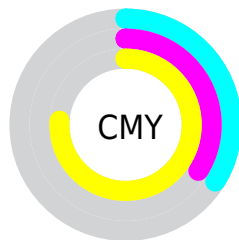
- Red (65%)
- Green (66%)
- Blue (24%)



- Red (24%)
- Yellow (66%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (63%)
- Black (34%)





- Cyan (34%)
- Magenta (34%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 54.656, 104.938 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, 54.656, 104.938 by changing the saturation by 10% instead.

 67, 54.656,
104.938

 67, 54.656,
104.938


 100, 54.656,
104.938

 57, 54.656,
104.938

 87, 54.656,
104.938

 47, 54.656,
104.938

 97, 54.656,
104.938

 37, 54.656,
104.938

 27, 54.656,
104.938

 17, 54.656,
104.938

 7, 54.656, 104.938

 0, 54.656, 104.938

67, 54.656,
104.938

67, 54.656,
104.938

67, 61.189,
104.300

67, 47.074,
105.705

67, 66.249,
103.824

67, 38.799,
106.556

67, 69.479,
103.545

68, 30.089,
107.459

67, 70.949,
103.433

68, 21.117,
108.391

68, 11.997,
109.330

69, 2.801, 110.249

69, 6.423, 291.192

70, 15.642,
292.076

■ 70, 24.835,
292.930

Harmonies

Complementary

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



67, 54.656, 104.938



33, 65.948, 300.245

Rectangle

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



67, 54.656, 104.938



67, 54.656, 154.938



67, 54.656, 284.938



67, 54.656, 334.938

Sweetspot

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



67, 54.657, 104.940



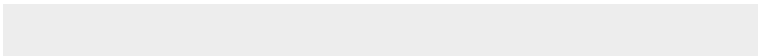
87, 21.645, 108.738



41, 49.394, 28.063



46, 14.857, 108.480



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 54.657, 104.940



85, 77.521, 104.071



63, 59.438, 126.388



36, 5.211, 109.681



59, 64.571, 103.427



6, 9.558, 110.702

Inverse Universe

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



33, 65.948, 300.245



35, 99.566, 303.241



38, 65.287, 312.172



32, 5.324, 291.478



16, 89.097, 306.324



0, 9.560, 290.497

Previews

White Background



This preview shows how the CIELCh color 67, 54.656, 104.938 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 67, 54.656, 104.938 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, 54.656, 104.938

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.656, 104.938.



This preview shows how white text looks on a background with the CIELCh color 67, 54.656, 104.938.

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, 54.656, 104.938

Protanopia

67, 53.798, 95.346

Deuteranopia

67, 52.757, 80.463



Tritanopia
67, 10.477, 337.155

Trichromacy



Original Color
67, 54.656, 104.938

Protanomaly
67, 54.152, 98.767

Deuteranomaly
67, 52.036, 89.637

Tritanomaly
67, 17.230, 91.774

Monochromacy



Original Color
67, 54.656, 104.938

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 20.891, 107.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.656, 104.938 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(167, 168, 62)` looks like.

```
.text, #text, p{  
    color:rgb(167, 168, 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(167, 168, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 168, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.656, 104.938 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(167, 168, 62) }
```

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

```
.border{ border-color:rgb(167, 168, 62) }
```

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

Here you see how a box with a 4 pixel rgb(167, 168, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 168, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 168, 62);  
box-shadow:4px 4px 4px 4px rgb(167, 168,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.656, 104.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 168, 62) }
```

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

```
.background{ background-color: rgb(167,  
168, 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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