

Converting Colors

CIELCh(63, 70.591, 126.418)

Have a look what the booklet for
CIELCh(63, 70.591, 126.418)
contains.

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Color

CIELCh(63, 70.534, 126.397)

Conversions

Conversions Part 1

Format	Color
Hex	67A926
RGB	103, 169, 38
RGB Percent	40%, 66%, 15%
CMY	0.5943, 0.3355, 0.8529
CMYK	0.39, 0.00, 0.78, 0.34
HSL	90°, 64%, 41%
HSV	90°, 78%, 66%
XYZ	20.2571, 31.5869, 6.8212
YIQ	134.3320, 2.7150, -54.7330

Conversions

Conversions Part 2

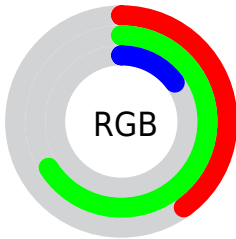
Format	Color
R_{YB}	38, 169, 104
Decimal	6793510
CIE _{Lab}	63.00, -41.85, 56.77
CIE _{LCh}	63, 70.534, 126.397
Yxy	31.5869, 0.3453, 0.5384
Android (android.graphics.Color)	4284983590 (0xFF67A926)
YUV	134.3320, -47.4917, -27.4782
Hunter-Lab	56.2022, -34.0168, 32.1456

Details

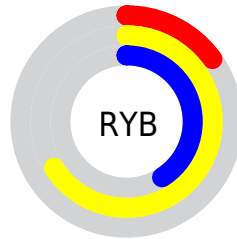
The CIELCh color **63, 70.534, 126.397** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **32, 79.184, 312.563**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 70.190, 126.609**, and **43, 62.492, 130.423** is the 20% darker color. If you saturate the color by 10%, you get **63, 75.886, 126.865**, and if you desaturate by 10%, it is **64, 63.598, 126.325**.

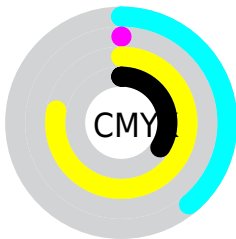
Distribution



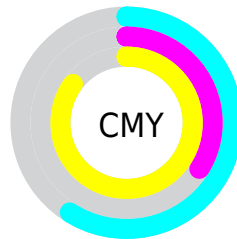
- Red (40%)
- Green (66%)
- Blue (15%)



- Red (15%)
- Yellow (66%)
- Blue (41%)



- Cyan (39%)
- Magenta (0%)
- Yellow (78%)
- Black (34%)





- Cyan (59%)
- Magenta (34%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 70.534, 126.397 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 63, 70.534, 126.397 by changing the saturation by 10% instead.


 63, 70.534,
126.397


 63, 70.534,
126.397


 100, 70.534,
126.397


 53, 70.534,
126.397


 83, 70.534,
126.397

 43, 70.534,
126.397

 93, 70.534,
126.397

 33, 70.534,
126.397

 23, 70.534,
126.397

 13, 70.534,
126.397

 3, 70.534, 126.397

 0, 70.534, 126.397

■ 63, 70.534,
126.397

■ 63, 70.534,
126.397

■ 63, 75.886,
126.865

■ 64, 63.598,
126.325

■ 62, 79.531,
127.758

■ 64, 55.488,
126.523

■ 62, 80.239,
127.945

■ 65, 46.586,
126.884

■ 66, 37.185,
127.329

■ 67, 27.491,
127.806

■ 68, 17.648,
128.285

■ 69, 7.757, 128.749

■ 70, 2.112, 309.115

■ 71, 11.909,
309.549

Harmonies

Complementary

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



63, 70.534, 126.397



32, 79.184, 312.563

Rectangle

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



63, 70.534, 126.397



63, 70.534, 176.397



63, 70.534, 306.397



63, 70.534, 356.397

Sweetspot

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



63, 70.534, 126.398



85, 28.017, 128.021



50, 50.788, 65.441



44, 19.349, 127.854



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 70.534, 126.398



79, 95.107, 127.454



61, 79.747, 137.415



35, 5.554, 128.684



55, 72.480, 127.762



5, 10.311, 131.471

Inverse Universe

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



32, 79.184, 312.563



37, 108.446, 312.207



42, 77.929, 327.942



33, 5.628, 309.472



22, 82.976, 312.100



1, 10.005, 306.602

Previews

White Background



This preview shows how the CIELCh color 63, 70.534, 126.397 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 63, 70.534, 126.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

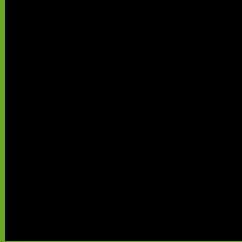
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 70.534, 126.397

Background



This preview shows how black text looks on a background with the CIELCh color 63, 70.534, 126.397.



This preview shows how white text looks on a background with the CIELCh color 63, 70.534, 126.397.

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
63, 70.246, 126.514

Protanopia
63, 59.924, 95.115

Deuteranopia
63, 55.117, 81.486



Tritanopia
63, 14.181, 229.534

Trichromacy



Original Color
63, 70.246, 126.514

Protanomaly
62, 61.052, 108.668

Deuteranomaly
62, 55.474, 101.158

Tritanomaly
62, 28.898, 146.731

Monochromacy



Original Color
63, 70.246, 126.514

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 28.608, 127.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 70.534, 126.397 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(103, 169, 38)` looks like.

```
.text, #text, p{  
    color:rgb(103, 169, 38)  
}
```

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(103, 169, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 169, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 70.534, 126.397 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(103, 169, 38) }
```

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

```
.border{ border-color:rgb(103, 169, 38) }
```

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

Here you see how a box with a 4 pixel rgb(103, 169, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 169, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 169, 38);  
box-shadow:4px 4px 4px 4px rgb(103, 169,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 70.534, 126.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 169, 38) }
```

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

```
.background{ background-color: rgb(103,  
169, 38) }
```

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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