

Converting Colors

CIELCh(67, 58.936, 125.911)

Have a look what the booklet for
CIELCh(67, 58.936, 125.911)
contains.

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Color

CIELCh(67, 59.069, 126.128)

Conversions

Conversions Part 1

Format	Color
Hex	7EB248
RGB	126, 178, 72
RGB Percent	49%, 70%, 28%
CMY	0.5068, 0.3029, 0.7185
CMYK	0.29, 0.00, 0.60, 0.30
HSL	89°, 42%, 49%
HSV	89°, 60%, 70%
XYZ	25.6072, 36.6320, 11.8147
YIQ	150.3680, 3.0340, -43.9900

Conversions

Conversions Part 2

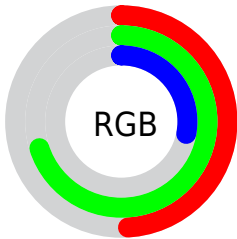
Format	Color
RYB	72, 178, 124
Decimal	8303176
CIELab	67.00, -34.83, 47.71
CIELCh	67, 59.069, 126.128
Yxy	36.6320, 0.3458, 0.4947
Android (android.graphics.Color)	4286493256 (0xFF7EB248)
YUV	150.3680, -38.6354, -21.3707
Hunter-Lab	60.5244, -30.3962, 30.7933

Details

The CIELCh color **67, 59.069, 126.128** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **41, 64.705, 311.766**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 59.187, 126.217**, and **47, 59.174, 126.310** is the 20% darker color. If you saturate the color by 10%, you get **66, 67.267, 125.978**, and if you desaturate by 10%, it is **68, 49.975, 126.464**.

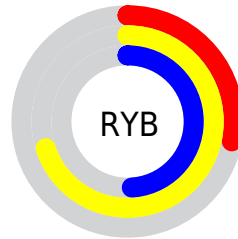
Distribution



Red (49%)

Green (70%)

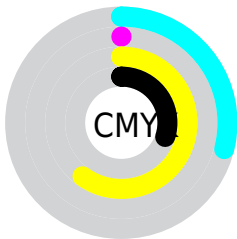
Blue (28%)



Red (28%)

Yellow (70%)

Blue (49%)

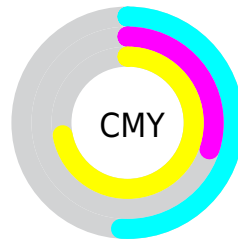


Cyan (29%)

Magenta (0%)

Yellow (60%)

Black (30%)



Cyan (51%)


Magenta (30%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 59.069, 126.128 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, 59.069, 126.128 by changing the saturation by 10% instead.


 67, 59.069,
126.128


 67, 59.069,
126.128


 100, 59.069,
126.128


 57, 59.069,
126.128


 87, 59.069,
126.128

 47, 59.069,
126.128

 97, 59.069,
126.128

 37, 59.069,
126.128

 27, 59.069,
126.128

 17, 59.069,
126.128

 7, 59.069, 126.128

 0, 59.069, 126.128

67, 59.069,
126.128

67, 59.069,
126.128

66, 67.267,
125.978

68, 49.975,
126.464

66, 74.153,
126.126

69, 40.307,
126.899

65, 79.310,
126.695

69, 30.298,
127.375

65, 82.806,
127.651

70, 20.109,
127.858

65, 82.932,
127.686

71, 9.851, 128.329

73, 0.398, 308.492

74, 10.581,
309.153

75, 20.660,
309.528

■ 76, 30.607,
309.864

Harmonies

Complementary

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



67, 59.069, 126.128



41, 64.705, 311.766

Rectangle

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



67, 59.069, 126.128



67, 59.069, 176.128



67, 59.069, 306.128



67, 59.069, 356.128

Sweetspot

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



67, 59.070, 126.129



90, 22.912, 127.920



56, 39.517, 66.378



48, 16.047, 127.782



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 59.070, 126.129



84, 85.375, 125.991



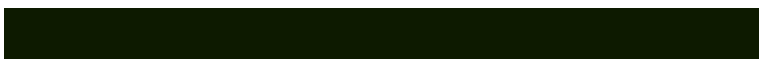
65, 67.842, 139.062



37, 5.818, 128.343



56, 74.108, 127.490



7, 14.467, 132.446

Inverse Universe

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



41, 64.705, 311.766



47, 95.595, 312.245



48, 67.281, 326.888



35, 5.898, 309.146



23, 85.258, 311.852



1, 13.820, 304.929

Previews

White Background



This preview shows how the CIELCh color 67, 59.069, 126.128 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, 59.069, 126.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

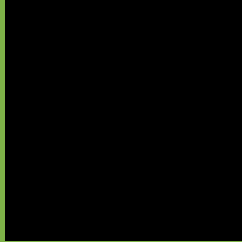
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 59.069, 126.128

Background



This preview shows how black text looks on a background with the CIELCh color 67, 59.069, 126.128.



This preview shows how white text looks on a background with the CIELCh color 67, 59.069, 126.128.

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, 59.069, 126.128

Protanopia
67, 51.100, 95.691

Deuteranopia
67, 46.776, 79.876



Tritanopia
67, 11.433, 237.927

Trichromacy



Original Color
67, 59.069, 126.128

Protanomaly
67, 51.697, 108.204

Deuteranomaly
66, 46.417, 99.748

Tritanomaly
67, 21.639, 147.962

Monochromacy



Original Color
67, 59.069, 126.128

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 22.381, 128.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 59.069, 126.128 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(126, 178, 72)` looks like.

```
.text, #text, p{  
    color:rgb(126, 178, 72)  
}
```

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(126, 178, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 178, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 59.069, 126.128 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(126, 178, 72) }
```

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

```
.border{ border-color:rgb(126, 178, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 178, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 178, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 178, 72);  
box-shadow:4px 4px 4px 4px rgb(126, 178,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 59.069, 126.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 178, 72) }
```

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

```
.background{ background-color: rgb(126,  
178, 72) }
```

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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