

Converting Colors

CIELCh(67, 60.512, 130.918)

Have a look what the booklet for
CIELCh(67, 60.512, 130.918)
contains.

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Color

CIELCh(67, 60.483, 130.930)

Conversions

Conversions Part 1

Format	Color
Hex	72B44C
RGB	114, 180, 76
RGB Percent	45%, 71%, 30%
CMY	0.5538, 0.2950, 0.7028
CMYK	0.37, 0.00, 0.58, 0.29
HSL	98°, 41%, 50%
HSV	98°, 58%, 71%
XYZ	24.4827, 36.6320, 12.5792
YIQ	148.4100, -5.9520, -46.3360

Conversions

Conversions Part 2

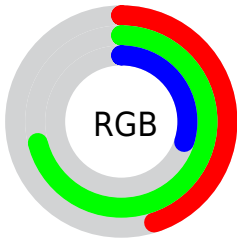
Format	Color
RYB	76, 180, 142
Decimal	7517260
CIELab	67.00, -39.62, 45.70
CIELCh	67, 60.483, 130.930
Yxy	36.6320, 0.3322, 0.4971
Android (android.graphics.Color)	4285707340 (0xFF72B44C)
YUV	148.4100, -35.6981, -30.1776
Hunter-Lab	60.5244, -33.7127, 30.0444

Details

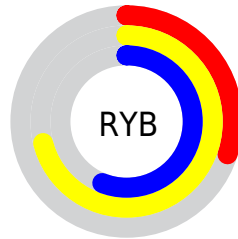
The CIELCh color **67, 60.483, 130.930** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **44, 63.852, 316.026**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 60.400, 130.980**, and **47, 60.629, 130.857** is the 20% darker color. If you saturate the color by 10%, you get **66, 69.331, 130.629**, and if you desaturate by 10%, it is **68, 50.759, 131.371**.

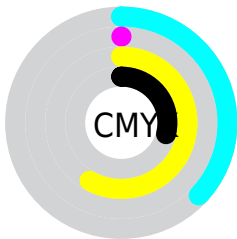
Distribution



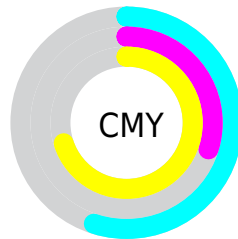
- Red (45%)
- Green (71%)
- Blue (30%)



- Red (30%)
- Yellow (71%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)





- Cyan (55%)
- Magenta (30%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 60.483, 130.930 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, 60.483, 130.930 by changing the saturation by 10% instead.


 67, 60.483,
130.930


 67, 60.483,
130.930


 100, 60.483,
130.930


 57, 60.483,
130.930


 87, 60.483,
130.930

 47, 60.483,
130.930

 97, 60.483,
130.930

 37, 60.483,
130.930

 27, 60.483,
130.930

 17, 60.483,
130.930

 7, 60.483, 130.930

 0, 60.483, 130.930

67, 60.483,
130.930

67, 60.483,
130.930

66, 69.331,
130.629

68, 50.759,
131.371

66, 76.881,
130.576

69, 40.484,
131.869

65, 82.687,
130.899

70, 29.894,
132.376

65, 86.579,
131.629

71, 19.157,
132.865

65, 87.316,
131.778

72, 8.394, 133.325

74, 2.311, 313.651

75, 12.896,
314.069

76, 23.320,
314.397

■ 78, 33.554,
314.682

Harmonies

Complementary

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



67, 60.483, 130.930



44, 63.852, 316.026

Rectangle

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



67, 60.483, 130.930



67, 60.483, 180.930



67, 60.483, 310.930



67, 60.483, 0.930

Sweetspot

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



67, 60.484, 130.931



90, 22.660, 132.891



61, 40.677, 80.604



48, 15.149, 132.797



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, 60.484, 130.931



84, 86.945, 130.590



66, 61.458, 143.064



37, 6.031, 133.259



56, 77.359, 131.594



7, 14.927, 136.299

Inverse Universe

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



44, 63.852, 316.026



52, 92.562, 316.283



49, 60.738, 331.777



35, 6.090, 313.999



26, 82.738, 315.540



2, 14.217, 309.923

Previews

White Background



This preview shows how the CIELCh color 67, 60.483, 130.930 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, 60.483, 130.930 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, 60.483, 130.930

Background



This preview shows how black text looks on a background with the CIELCh color 67, 60.483, 130.930.



This preview shows how white text looks on a background with the CIELCh color 67, 60.483, 130.930.

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, 60.483, 130.930

Protanopia
67, 48.856, 95.509

Deuteranopia
67, 44.248, 79.367



Tritanopia
67, 14.633, 228.061

Trichromacy



Original Color
67, 60.483, 130.930



Protanomaly
66, 50.082, 110.985



Deuteranomaly
66, 44.740, 103.160

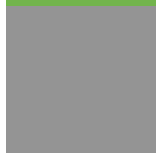


Tritanomaly
67, 24.608, 155.196

Monochromacy



Original Color
67, 60.483, 130.930



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 23.178, 132.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 60.483, 130.930 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(114, 180, 76)` looks like.

```
.text, #text, p{  
    color:rgb(114, 180, 76)  
}
```

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(114, 180, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 180, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 60.483, 130.930 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(114, 180, 76) }
```

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

```
.border{ border-color:rgb(114, 180, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 180, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 180, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 180, 76);  
box-shadow:4px 4px 4px 4px rgb(114, 180,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 60.483, 130.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 180, 76) }
```

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

```
.background{ background-color: rgb(114,  
180, 76) }
```

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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