

Converting Colors

CIELCh(60, 49.957, 126.579)

Have a look what the booklet for
CIELCh(60, 49.957, 126.579)
contains.

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Color

CIELCh(60, 50.094, 126.399)

Conversions

Conversions Part 1

Format	Color
Hex	729D46
RGB	114, 157, 70
RGB Percent	45%, 62%, 27%
CMY	0.5530, 0.3844, 0.7256
CMYK	0.27, 0.00, 0.55, 0.38
HSL	90°, 38%, 45%
HSV	90°, 55%, 62%
XYZ	20.0940, 28.1233, 10.1599
YIQ	134.2250, 2.2990, -36.1730

Conversions

Conversions Part 2

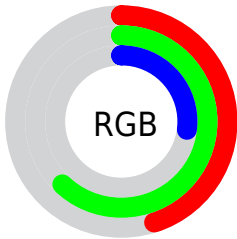
Format	Color
RYB	70, 157, 113
Decimal	7511366
CIELab	60.00, -29.73, 40.32
CIElCh	60, 50.094, 126.399
Yxy	28.1233, 0.3442, 0.4818
Android (android.graphics.Color)	4285701446 (0xFF729D46)
YUV	134.2250, -31.6629, -17.7373
Hunter-Lab	53.0314, -25.1702, 25.7631

Details

The CIELCh color $60, 50.094, 126.399$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $38, 54.395, 311.649$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 50.139, 126.468$, and $40, 50.054, 126.401$ is the 20% darker color. If you saturate the color by 10%, you get $59, 57.941, 126.150$, and if you desaturate by 10%, it is $61, 41.594, 126.787$.

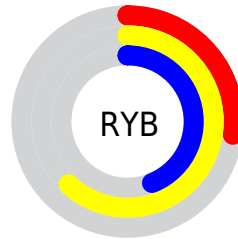
Distribution



Red (45%)

Green (62%)

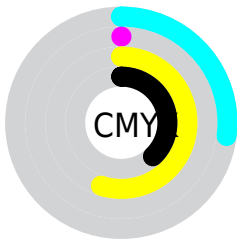
Blue (27%)



Red (27%)

Yellow (62%)

Blue (44%)

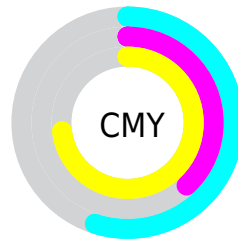


Cyan (27%)

Magenta (0%)

Yellow (55%)

Black (38%)



Cyan (55%)


Magenta (38%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 50.094, 126.399 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 60, 50.094, 126.399 by changing the saturation by 10% instead.


 60, 50.094,
126.399


 60, 50.094,
126.399


 100, 50.094,
126.399


 50, 50.094,
126.399


 80, 50.094,
126.399

 40, 50.094,
126.399

 90, 50.094,
126.399


 30, 50.094,
126.399

 20, 50.094,
126.399

 10, 50.094,
126.399

 0, 50.094, 126.399

 60, 50.094,

 60, 50.094,

126.399

126.399

■ 59, 57.941,
126.150

■ 61, 41.594,
126.787

■ 59, 64.800,
126.135

■ 61, 32.686,
127.242

■ 58, 70.286,
126.476

■ 62, 23.545,
127.720

■ 58, 74.124,
127.262

■ 63, 14.292,
128.194

■ 58, 75.630,
127.648

■ 64, 5.012, 128.656

■ 65, 4.235, 309.033

■ 66, 13.408,
309.435

■ 68, 22.474,
309.789

■ 69, 31.413,
310.106

Harmonies

Complementary

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



60, 50.094, 126.399



38, 54.395, 311.649

Rectangle

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



60, 50.094, 126.399



60, 50.094, 176.399



60, 50.094, 306.399



60, 50.094, 356.399

Sweetspot

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



60, 50.095, 126.400



80, 19.506, 128.104



51, 32.861, 66.965



42, 13.017, 128.018



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 50.095, 126.400



75, 72.904, 126.117



58, 57.644, 139.572



33, 5.266, 128.479



53, 70.480, 127.513



4, 6.937, 129.776

Inverse Universe

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



38, 54.395, 311.649



44, 80.831, 312.188



44, 57.312, 326.711



31, 5.337, 309.264



21, 80.953, 312.001



1, 6.862, 307.969

Previews

White Background



This preview shows how the CIELCh color 60, 50.094, 126.399 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 50.094, 126.399 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 × Fail

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

CIELCh 60, 50.094, 126.399

Background



This preview shows how black text looks on a background with the CIELCh color 60, 50.094, 126.399.



This preview shows how white text looks on a background with the CIELCh color 60, 50.094, 126.399.

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](#).

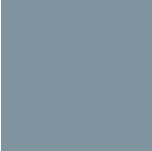
Dichromacy



Original Color
60, 50.094, 126.399

Protanopia
60, 43.044, 95.456

Deuteranopia
60, 39.486, 78.391



Tritanopia
60, 9.658, 239.088

Trichromacy



Original Color
60, 50.094, 126.399

Protanomaly
60, 44.207, 108.619

Deuteranomaly
59, 39.150, 99.007

Tritanomaly
60, 17.753, 148.311

Monochromacy



Original Color
60, 50.094, 126.399

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 18.593, 127.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 50.094, 126.399 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, 157, 70)` looks like.

```
.text, #text, p{  
    color:rgb(114, 157, 70)  
}
```

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, 157, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 157, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 50.094, 126.399 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, 157, 70) }
```

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

```
.border{ border-color:rgb(114, 157, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 157, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 157, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 157, 70);  
box-shadow:4px 4px 4px 4px rgb(114, 157,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 50.094, 126.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 157, 70) }
```

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

```
.background{ background-color: rgb(114,  
157, 70) }
```

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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