

Converting Colors

CIELCh(57, 60.939, 135.930)

Have a look what the booklet for
CIELCh(57, 60.939, 135.930)
contains.

CIELCh(57, 60.939, 135.930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 60.939, 135.930)

Conversions

Conversions Part 1

Format	Color
Hex	499A39
RGB	73, 154, 57
RGB Percent	29%, 60%, 22%
CMY	0.7127, 0.3950, 0.7755
CMYK	0.53, 0.00, 0.63, 0.40
HSL	110°, 46%, 41%
HSV	110°, 63%, 60%
XYZ	15.1118, 24.9227, 7.9171
YIQ	118.7230, -17.1390, -47.3390

Conversions

Conversions Part 2

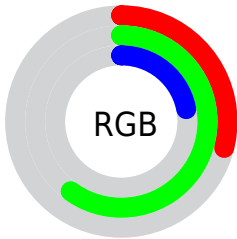
Format	Color
RYB	57, 154, 138
Decimal	4823609
CIELab	57.00, -43.78, 42.39
CIElCh	57, 60.939, 135.930
Yxy	24.9227, 0.3151, 0.5197
Android (android.graphics.Color)	4283013689 (0xFF499A39)
YUV	118.7230, -30.4294, -40.0991
Hunter-Lab	49.9226, -33.3318, 25.5432

Details

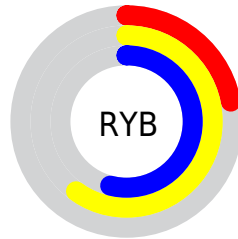
The CIELCh color **57, 60.939, 135.930** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **39, 61.711, 322.324**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 60.873, 136.063**, and **37, 61.051, 135.934** is the 20% darker color. If you saturate the color by 10%, you get **56, 68.531, 135.329**, and if you desaturate by 10%, it is **58, 52.279, 136.635**.

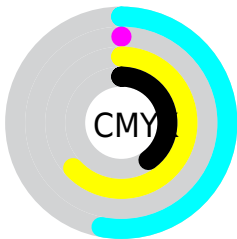
Distribution



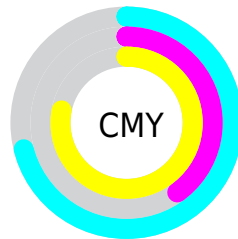
- Red (29%)
- Green (60%)
- Blue (22%)



- Red (22%)
- Yellow (60%)
- Blue (54%)



- Cyan (53%)
- Magenta (0%)
- Yellow (63%)
- Black (40%)





- Cyan (71%)
- Magenta (40%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 60.939, 135.930 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 57, 60.939, 135.930 by changing the saturation by 10% instead.


 57, 60.939,
135.930


 57, 60.939,
135.930


 100, 60.939,
135.930


 47, 60.939,
135.930


 77, 60.939,
135.930

 37, 60.939,
135.930

 87, 60.939,
135.930

 27, 60.939,
135.930

 97, 60.939,
135.930

 17, 60.939,
135.930

 7, 60.939, 135.930

 0, 60.939, 135.930

■ 57, 60.939,
135.930

■ 57, 60.939,
135.930

■ 56, 68.531,
135.329

■ 58, 52.279,
136.635

■ 56, 74.641,
134.946

■ 59, 42.903,
137.357

■ 56, 78.899,
134.897

■ 60, 33.091,
138.045

■ 55, 81.079,
134.913

■ 61, 23.051,
138.675

■ 62, 12.942,
139.239

■ 63, 2.880, 139.776

■ 65, 7.054, 320.111

■ 66, 16.802,
320.489

■ 68, 26.325,
320.803

Harmonies

Complementary

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



57, 60.939, 135.930



39, 61.711, 322.324

Rectangle

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



57, 60.939, 135.930



57, 60.939, 185.930



57, 60.939, 315.930



57, 60.939, 5.930

Sweetspot

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



57, 60.940, 135.931



78, 23.767, 138.881



57, 44.562, 95.226



41, 16.496, 138.725



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 60.940, 135.931



72, 86.432, 135.159



57, 50.294, 149.188



32, 5.625, 139.432



51, 75.558, 134.841



3, 6.069, 139.925

Inverse Universe

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



39, 61.711, 322.324



47, 87.030, 322.482



40, 50.393, 341.054



30, 5.652, 320.232



29, 75.083, 322.076



1, 6.041, 319.448

Previews

White Background



This preview shows how the CIELCh color 57, 60.939, 135.930 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 CIELCh color 57, 60.939, 135.930 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 × Fail

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

CIELCh 57, 60.939, 135.930

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.939, 135.930.



This preview shows how white text looks on a background with the CIELCh color 57, 60.939, 135.930.

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
57, 60.939, 135.930

Protanopia
57, 46.032, 95.336

Deuteranopia
56, 40.593, 79.083



Tritanopia
57, 18.124, 220.364

Trichromacy



Original Color
57, 60.939, 135.930

Protanomaly
56, 48.398, 115.280

Deuteranomaly
56, 41.538, 107.671

Tritanomaly
57, 28.114, 162.197

Monochromacy



Original Color
57, 60.939, 135.930

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 23.677, 139.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.939, 135.930 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(73, 154, 57)` looks like.

```
.text, #text, p{  
    color:rgb(73, 154, 57)  
}
```

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(73, 154, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 154, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.939, 135.930 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(73, 154, 57) }
```

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

```
.border{ border-color:rgb(73, 154, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 154, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 154, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 154, 57);  
box-shadow:4px 4px 4px 4px rgb(73, 154,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.939, 135.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 154, 57) }
```

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

```
.background{ background-color: rgb(73, 154,  
57) }
```

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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