

Converting Colors

CIELCh(57, 59.934, 136.868)

Have a look what the booklet for
CIELCh(57, 59.934, 136.868)
contains.

CIELCh(57, 59.934, 136.868)	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, 59.934, 136.868)

Conversions

Conversions Part 1

Format	Color
Hex	489A3C
RGB	72, 154, 60
RGB Percent	28%, 60%, 24%
CMY	0.7165, 0.3950, 0.7637
CMYK	0.53, 0.00, 0.61, 0.39
HSL	112°, 44%, 42%
HSV	112°, 61%, 61%
XYZ	15.1194, 24.9227, 8.3250
YIQ	118.7660, -18.6980, -46.6180

Conversions

Conversions Part 2

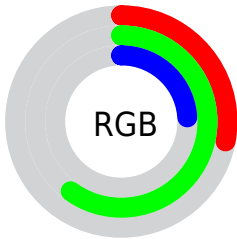
Format	Color
RYB	60, 154, 142
Decimal	4758076
CIELab	57.00, -43.74, 40.98
CIElCh	57, 59.934, 136.868
Yxy	24.9227, 0.3126, 0.5153
Android (android.graphics.Color)	4282948156 (0xFF489A3C)
YUV	118.7660, -28.9716, -41.0138
Hunter-Lab	49.9226, -33.3046, 25.0588

Details

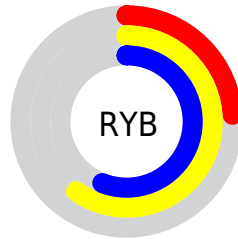
The CIELCh color $57, 59.934, 136.868$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $40, 60.335, 323.442$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 59.793, 137.041$, and $37, 59.960, 136.805$ is the 20% darker color. If you saturate the color by 10%, you get $56, 67.773, 136.144$, and if you desaturate by 10%, it is $58, 51.060, 137.659$.

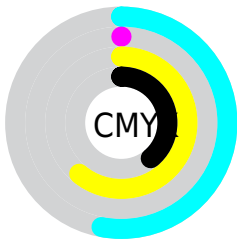
Distribution



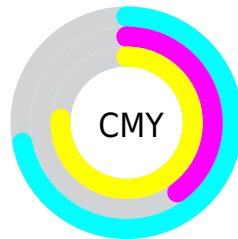
- Red (28%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (56%)



- Cyan (53%)
- Magenta (0%)
- Yellow (61%)
- Black (39%)





- Cyan (72%)
- Magenta (40%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 59.934, 136.868 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, 59.934, 136.868 by changing the saturation by 10% instead.


 57, 59.934,
136.868


 57, 59.934,
136.868

 100, 59.934,
136.868

 47, 59.934,
136.868

 77, 59.934,
136.868

 37, 59.934,
136.868

 87, 59.934,
136.868

 27, 59.934,
136.868

 97, 59.934,
136.868

 17, 59.934,
136.868

 7, 59.934, 136.868

 0, 59.934, 136.868

■ 57, 59.934,
136.868

■ 57, 59.934,
136.868

■ 56, 67.773,
136.144

■ 58, 51.060,
137.659

■ 56, 74.166,
135.596

■ 59, 41.496,
138.439

■ 56, 78.721,
135.349

■ 60, 31.518,
139.165

■ 55, 81.462,
135.260

■ 61, 21.334,
139.818

■ 62, 11.103,
140.398

■ 64, 0.941, 141.076

■ 65, 9.070, 321.282

■ 67, 18.874,
321.657

■ 69, 28.434,
321.971

Harmonies

Complementary

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



57, 59.934, 136.868



40, 60.335, 323.442

Rectangle

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



57, 59.934, 136.868



57, 59.934, 186.868



57, 59.934, 316.868



57, 59.934, 6.868

Sweetspot

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



57, 59.935, 136.869



78, 22.777, 139.975



59, 44.488, 97.530



41, 15.963, 139.809



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, 59.935, 136.869



72, 85.546, 135.925



57, 47.626, 150.818



32, 5.691, 140.492



51, 75.918, 135.199



3, 6.137, 140.983

Inverse Universe

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



40, 60.335, 323.442



48, 85.548, 323.672



40, 48.179, 342.607



30, 5.713, 321.324



30, 74.760, 323.412



1, 6.111, 320.569

Previews

White Background



This preview shows how the CIELCh color 57, 59.934, 136.868 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 57, 59.934, 136.868 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, 59.934, 136.868

Background



This preview shows how black text looks on a background with the CIELCh color 57, 59.934, 136.868.



This preview shows how white text looks on a background with the CIELCh color 57, 59.934, 136.868.

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, 59.934, 136.868

Protanopia
57, 44.576, 95.830

Deuteranopia
56, 38.929, 78.928



Tritanopia
57, 18.525, 217.868

Trichromacy



Original Color
57, 59.934, 136.868

Protanomaly
56, 47.153, 116.228

Deuteranomaly
56, 40.088, 108.575

Tritanomaly
57, 27.997, 163.422

Monochromacy



Original Color
57, 59.934, 136.868

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 23.186, 139.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 59.934, 136.868 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(72, 154, 60)` looks like.

```
.text, #text, p{  
    color:rgb(72, 154, 60)  
}
```

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(72, 154, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 154, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 59.934, 136.868 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(72, 154, 60) }
```

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

```
.border{ border-color:rgb(72, 154, 60) }
```

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

Here you see how a box with a 4 pixel rgb(72, 154, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 154, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 154, 60);  
box-shadow:4px 4px 4px 4px rgb(72, 154,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 59.934, 136.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 154, 60) }
```

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

```
.background{ background-color: rgb(72, 154,  
60) }
```

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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