

Converting Colors

CIELCh(57, 38.901, 137.324)

Have a look what the booklet for
CIELCh(57, 38.901, 137.324)
contains.

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Color

CIELCh(57, 39.018, 137.073)

Conversions

Conversions Part 1

Format	Color
Hex	649559
RGB	100, 149, 89
RGB Percent	39%, 58%, 35%
CMY	0.6079, 0.4157, 0.6510
CMYK	0.33, 0.00, 0.40, 0.42
HSL	109°, 25%, 47%
HSV	109°, 40%, 58%
XYZ	17.8039, 24.9227, 13.3218
YIQ	127.5090, -9.9440, -29.0480

Conversions

Conversions Part 2

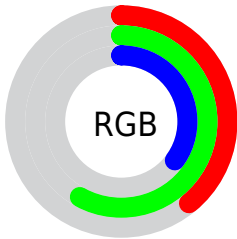
Format	Color
R_{YB}	89, 149, 138
Decimal	6591833
CIE Lab	57.00, -28.57, 26.57
CIE LCh	57, 39.018, 137.073
Yxy	24.9227, 0.3177, 0.4447
Android (android.graphics.Color)	4284781913 (0xFF649559)
YUV	127.5090, -18.9849, -24.1254
Hunter-Lab	49.9226, -23.7061, 19.1243

Details

The CIELCh color $57, 39.018, 137.073$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 39.608, 321.041$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 38.563, 136.991$, and $37, 39.072, 137.036$ is the 20% darker color. If you saturate the color by 10%, you get $56, 48.231, 136.387$, and if you desaturate by 10%, it is $58, 29.454, 137.725$.

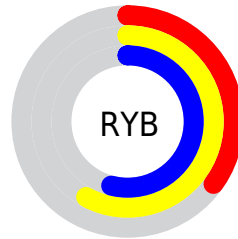
Distribution



Red (39%)

Green (58%)

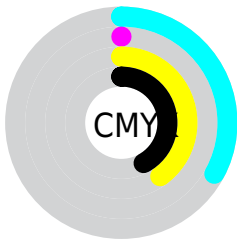
Blue (35%)



Red (35%)

Yellow (58%)

Blue (54%)

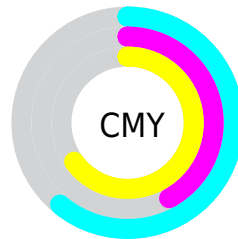


Cyan (33%)

Magenta (0%)

Yellow (40%)

Black (42%)



Cyan (61%)


Magenta (42%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 39.018, 137.073 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, 39.018, 137.073 by changing the saturation by 10% instead.


 57, 39.018,
137.073


 57, 39.018,
137.073


 100, 39.018,
137.073


 47, 39.018,
137.073


 77, 39.018,
137.073

 37, 39.018,
137.073

 87, 39.018,
137.073

 27, 39.018,
137.073

 97, 39.018,
137.073

 17, 39.018,
137.073

 7, 39.018, 137.073

 0, 39.018, 137.073

■ 57, 39.018,
137.073

■ 57, 39.018,
137.073

■ 56, 48.231,
136.387

■ 58, 29.454,
137.725

■ 55, 56.846,
135.707

■ 59, 19.721,
138.319

■ 55, 64.547,
135.111

■ 60, 9.954, 138.854

■ 54, 70.947,
134.705

■ 62, 0.254, 139.972

■ 63, 9.310, 319.677

■ 54, 75.662,
134.610

■ 65, 18.687,
320.029

■ 54, 78.809,
134.689

■ 66, 27.846,
320.326

■ 68, 36.770,
320.579

■ 70, 45.448,
320.794

Harmonies

Complementary

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



57, 39.018, 137.073



45, 39.608, 321.041

Rectangle

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



57, 39.018, 137.073



57, 39.018, 187.073



57, 39.018, 317.073



57, 39.018, 7.073

Sweetspot

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



57, 39.019, 137.074



76, 14.425, 138.753



57, 27.926, 96.828



40, 9.546, 138.693



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 39.019, 137.074



72, 57.156, 136.477



57, 32.849, 151.519



31, 5.438, 138.908



50, 74.344, 134.622



2, 4.744, 139.310

Inverse Universe

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



45, 39.608, 321.041



55, 58.110, 321.364



46, 33.282, 337.973



29, 5.466, 319.689



28, 74.260, 321.449



1, 4.745, 319.306

Previews

White Background



This preview shows how the CIELCh color 57, 39.018, 137.073 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, 39.018, 137.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

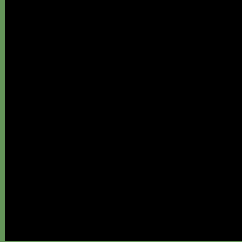
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 39.018, 137.073

Background



This preview shows how black text looks on a background with the CIELCh color 57, 39.018, 137.073.



This preview shows how white text looks on a background with the CIELCh color 57, 39.018, 137.073.

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, 39.018, 137.073

Protanopia
57, 29.778, 95.368

Deuteranopia
57, 25.956, 73.017



Tritanopia
57, 12.447, 232.163

Trichromacy



Original Color
57, 39.018, 137.073

Protanomaly
57, 30.947, 114.631

Deuteranomaly
56, 25.347, 104.146

Tritanomaly
57, 16.259, 168.378

Monochromacy



Original Color
57, 39.018, 137.073

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 14.595, 138.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 39.018, 137.073 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(100, 149, 89)` looks like.

```
.text, #text, p{  
    color:rgb(100, 149, 89)  
}
```

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(100, 149, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 149, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 39.018, 137.073 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(100, 149, 89) }
```

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

```
.border{ border-color:rgb(100, 149, 89) }
```

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

Here you see how a box with a 4 pixel rgb(100, 149, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 149, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 149, 89);  
box-shadow:4px 4px 4px 4px rgb(100, 149,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 39.018, 137.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 149, 89) }
```

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

```
.background{ background-color: rgb(100,  
149, 89) }
```

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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