

Converting Colors

CIELCh(57, 61.488, 139.598)

Have a look what the booklet for
CIELCh(57, 61.488, 139.598)
contains.

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Color

CIELCh(57, 61.501, 139.557)

Conversions

Conversions Part 1

Format	Color
Hex	3D9B3E
RGB	61, 155, 62
RGB Percent	24%, 61%, 24%
CMY	0.7592, 0.3907, 0.7555
CMYK	0.60, 0.00, 0.60, 0.39
HSL	121°, 43%, 43%
HSV	121°, 60%, 61%
XYZ	14.6117, 24.9227, 8.6470
YIQ	116.2920, -26.1710, -48.8510

Conversions

Conversions Part 2

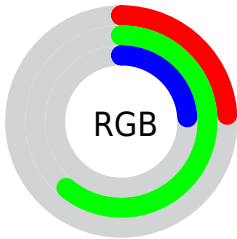
Format	Color
R_{YB}	61, 154, 155
Decimal	4037438
CIE _{Lab}	57.00, -46.81, 39.90
CIE _{LCh}	57, 61.501, 139.557
Yxy	24.9227, 0.3033, 0.5173
Android (android.graphics.Color)	4282227518 (0xFF3D9B3E)
YUV	116.2920, -26.7660, -48.4911
Hunter-Lab	49.9226, -35.1198, 24.6764

Details

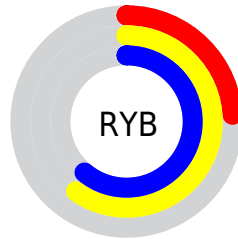
The CIELCh color **57, 61.501, 139.557** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **42, 60.838, 327.711**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 61.181, 139.689**, and **37, 59.740, 137.242** is the 20% darker color. If you saturate the color by 10%, you get **56, 69.353, 138.430**, and if you desaturate by 10%, it is **58, 52.479, 140.671**.

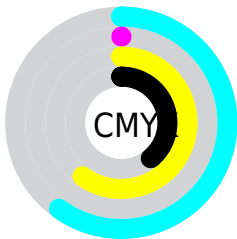
Distribution



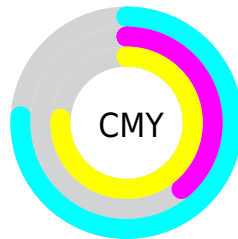
- Red (24%)
- Green (61%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (61%)



- Cyan (60%)
- Magenta (0%)
- Yellow (60%)
- Black (39%)





- Cyan (76%)
- Magenta (39%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 61.501, 139.557 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, 61.501, 139.557 by changing the saturation by 10% instead.


 57, 61.501,
139.557


 57, 61.501,
139.557


 100, 61.501,
139.557


 47, 61.501,
139.557


 77, 61.501,
139.557

 37, 61.501,
139.557

 87, 61.501,
139.557

 27, 61.501,
139.557

 97, 61.501,
139.557

 17, 61.501,
139.557

 7, 61.501, 139.557

 0, 61.501, 139.557

■ 57, 61.501,
139.557

■ 57, 61.501,
139.557

■ 56, 69.353,
138.430

■ 58, 52.479,
140.671

■ 56, 75.633,
137.398

■ 59, 42.648,
141.702

■ 56, 79.979,
136.599

■ 60, 32.313,
142.621

■ 56, 82.531,
136.115

■ 61, 21.721,
143.422

■ 62, 11.065,
144.116

■ 64, 0.490, 145.120

■ 66, 9.901, 325.152

■ 68, 20.041,
325.583

■ 70, 29.886,
325.944

Harmonies

Complementary

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



57, 61.501, 139.557



42, 60.838, 327.711

Rectangle

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



57, 61.501, 139.557



57, 61.501, 189.557



57, 61.501, 319.557



57, 61.501, 9.557

Sweetspot

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



57, 61.501, 139.557



78, 23.584, 143.578



62, 49.545, 104.695



41, 16.529, 143.376



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, 61.501, 139.557



72, 87.323, 138.005



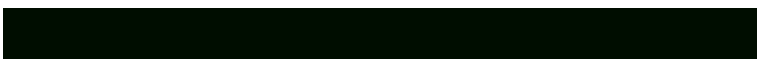
58, 42.403, 157.016



32, 5.891, 144.198



50, 76.558, 136.128



3, 6.343, 144.702

Inverse Universe

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



42, 60.838, 327.711



51, 85.441, 328.170



40, 44.790, 350.524



30, 5.900, 325.178



33, 73.510, 328.620



1, 6.337, 324.739

Previews

White Background



This preview shows how the CIELCh color 57, 61.501, 139.557 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, 61.501, 139.557 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, 61.501, 139.557

Background



This preview shows how black text looks on a background with the CIELCh color 57, 61.501, 139.557.



This preview shows how white text looks on a background with the CIELCh color 57, 61.501, 139.557.

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, 61.501, 139.557

Protanopia
57, 43.643, 95.768

Deuteranopia
56, 37.969, 78.398



Tritanopia
57, 20.811, 215.399

Trichromacy



Original Color
57, 61.501, 139.557



Protanomaly
56, 46.663, 118.601



Deuteranomaly
56, 39.767, 111.905



Tritanomaly
57, 30.093, 167.029

Monochromacy



Original Color
57, 61.501, 139.557



Achromatopsia
49, 0.007, 296.813



Achromatomaly
51, 24.118, 142.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 61.501, 139.557 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(61, 155, 62)` looks like.

```
.text, #text, p{  
    color:rgb(61, 155, 62)  
}
```

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(61, 155, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 155, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 61.501, 139.557 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(61, 155, 62) }
```

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

```
.border{ border-color:rgb(61, 155, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 155, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 155, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 155, 62);  
box-shadow:4px 4px 4px 4px rgb(61, 155,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 61.501, 139.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 155, 62) }
```

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

```
.background{ background-color: rgb(61, 155,  
62) }
```

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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