

Converting Colors

CIELCh(59, 59.875, 141.679)

Have a look what the booklet for
CIELCh(59, 59.875, 141.679)
contains.

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Color

CIELCh(59, 59.875, 141.679)

Conversions

Conversions Part 1

Format	Color
Hex	40A149
RGB	64, 161, 73
RGB Percent	25%, 63%, 29%
CMY	0.7494, 0.3689, 0.7140
CMYK	0.60, 0.00, 0.55, 0.37
HSL	126°, 43%, 44%
HSV	126°, 60%, 63%
XYZ	16.0389, 27.0277, 10.6619
YIQ	121.9650, -29.5640, -47.9320

Conversions

Conversions Part 2

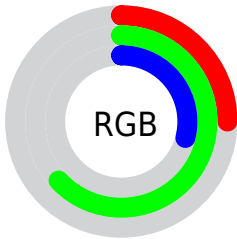
Format	Color
R_{YB}	64, 153, 161
Decimal	4235593
CIE _{Lab}	59.00, -46.97, 37.13
CIE _{LCh}	59, 59.875, 141.679
Yxy	27.0277, 0.2985, 0.5030
Android (android.graphics.Color)	4282425673 (0xFF40A149)
YUV	121.9650, -24.1397, -50.8353
Hunter-Lab	51.9882, -35.9101, 24.2324

Details

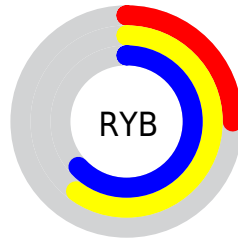
The CIELCh color **59, 59.875, 141.679** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **43, 59.046, 330.427**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 60.006, 141.770**, and **39, 58.195, 139.753** is the 20% darker color. If you saturate the color by 10%, you get **58, 67.847, 140.380**, and if you desaturate by 10%, it is **60, 50.928, 142.889**.

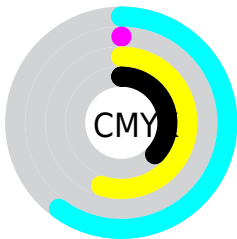
Distribution



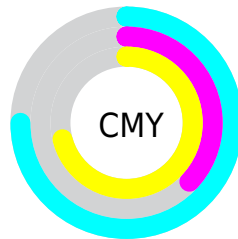
- Red (25%)
- Green (63%)
- Blue (29%)



- Red (25%)
- Yellow (60%)
- Blue (63%)



- Cyan (60%)
- Magenta (0%)
- Yellow (55%)
- Black (37%)





- Cyan (75%)
- Magenta (37%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 59.875, 141.679 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 59, 59.875, 141.679 by changing the saturation by 10% instead.


 59, 59.875,
141.679


 59, 59.875,
141.679


 100, 59.875,
141.679


 49, 59.875,
141.679


 79, 59.875,
141.679

 39, 59.875,
141.679

 89, 59.875,
141.679

 29, 59.875,
141.679

 99, 59.875,
141.679

 19, 59.875,
141.679

 9, 59.875, 141.679

 0, 59.875, 141.679

■ 59, 59.875,
141.679

■ 59, 59.875,
141.679

■ 58, 67.847,
140.380

■ 60, 50.928,
142.889

■ 58, 74.538,
139.062

■ 61, 41.289,
143.974

■ 58, 79.654,
137.834

■ 62, 31.211,
144.925

■ 58, 83.014,
136.938

■ 63, 20.910,
145.749

■ 65, 10.556,
146.464

■ 66, 0.283, 147.886

■ 68, 9.813, 327.535

■ 70, 19.668,
327.990

■ 72, 29.240,
328.375

Harmonies

Complementary

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



59, 59.875, 141.679



43, 59.046, 330.427

Rectangle

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



59, 59.875, 141.679



59, 59.875, 191.679



59, 59.875, 321.679



59, 59.875, 11.679

Sweetspot

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



59, 59.876, 141.679



80, 22.953, 145.896



64, 50.956, 108.738



42, 15.928, 145.687



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 59.876, 141.679



74, 85.101, 139.973



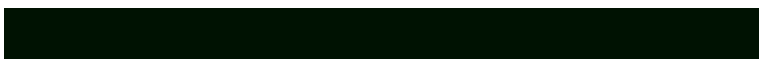
60, 40.336, 161.608



34, 5.869, 146.532



52, 76.871, 137.033



4, 9.157, 146.801

Inverse Universe

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



43, 59.046, 330.427



53, 82.461, 331.075



42, 44.386, 356.183



32, 5.881, 327.557



33, 70.772, 332.232



1, 8.930, 327.897

Previews

White Background



This preview shows how the CIELCh color 59, 59.875, 141.679 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 59, 59.875, 141.679 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 59, 59.875, 141.679

Background



This preview shows how black text looks on a background with the CIELCh color 59, 59.875, 141.679.

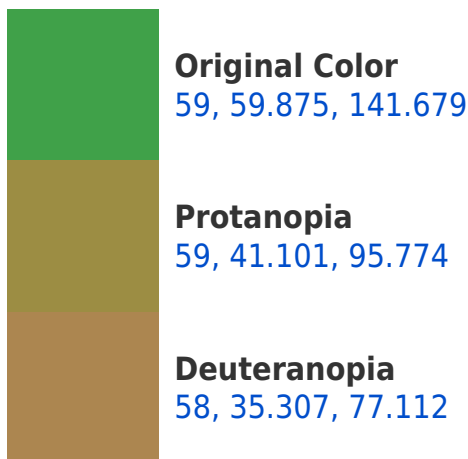



This preview shows how white text looks on a background with the CIELCh color 59, 59.875, 141.679.

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





Tritanopia
59, 21.488, 217.964

Trichromacy



Original Color
59, 59.875, 141.679

Protanomaly
58, 44.201, 119.591

Deuteranomaly
58, 37.153, 113.366

Tritanomaly
59, 30.051, 169.715

Monochromacy



Original Color
59, 59.875, 141.679

Achromatopsia
51, 0.007, 296.813

Achromatomaly
53, 23.249, 145.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 59.875, 141.679 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(64, 161, 73)` looks like.

```
.text, #text, p{  
    color:rgb(64, 161, 73)  
}
```

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(64, 161, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 161, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 59.875, 141.679 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(64, 161, 73) }
```

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

```
.border{ border-color:rgb(64, 161, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 161, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 161, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 161, 73);  
box-shadow:4px 4px 4px 4px rgb(64, 161,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 59.875, 141.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 161, 73) }
```

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

```
.background{ background-color: rgb(64, 161,  
73) }
```

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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