

Converting Colors

CIELCh(59, 40.197, 143.581)

Have a look what the booklet for
CIELCh(59, 40.197, 143.581)
contains.

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Color

CIELCh(59, 40.077, 143.687)

Conversions

Conversions Part 1

Format	Color
Hex	5E9C63
RGB	94, 156, 99
RGB Percent	37%, 61%, 39%
CMY	0.6316, 0.3885, 0.6120
CMYK	0.40, 0.00, 0.37, 0.39
HSL	125°, 25%, 49%
HSV	125°, 40%, 61%
XYZ	18.7338, 27.0277, 16.0168
YIQ	130.9640, -18.6550, -30.8710

Conversions

Conversions Part 2

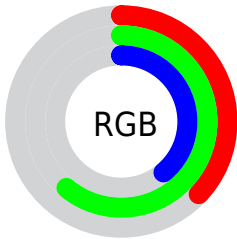
Format	Color
R_{YB}	94, 151, 156
Decimal	6200419
CIE _{Lab}	59.00, -32.29, 23.73
CIE _{LCh}	59, 40.077, 143.687
Yxy	27.0277, 0.3032, 0.4375
Android (android.graphics.Color)	4284390499 (0xFF5E9C63)
YUV	130.9640, -15.7583, -32.4174
Hunter-Lab	51.9882, -26.6573, 18.1253

Details

The CIELCh color $59, 40.077, 143.687$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 40.026, 328.918$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 40.235, 143.566$, and $39, 40.233, 143.569$ is the 20% darker color. If you saturate the color by 10%, you get $58, 49.579, 142.620$, and if you desaturate by 10%, it is $60, 30.155, 144.623$.

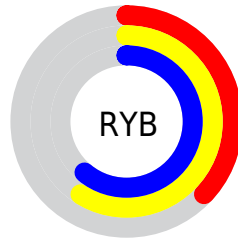
Distribution



Red (37%)

Green (61%)

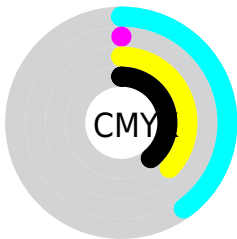
Blue (39%)



Red (37%)

Yellow (59%)

Blue (61%)

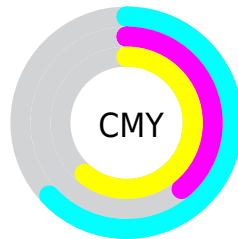


Cyan (40%)

Magenta (0%)

Yellow (37%)

Black (39%)



Cyan (63%)


Magenta (39%)

Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 40.077, 143.687 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, 40.077, 143.687 by changing the saturation by 10% instead.

 59, 40.077,
143.687

 59, 40.077,
143.687


 100, 40.077,
143.687


 49, 40.077,
143.687

 79, 40.077,
143.687

 39, 40.077,
143.687

 89, 40.077,
143.687

 29, 40.077,
143.687

 99, 40.077,
143.687

 19, 40.077,
143.687

 9, 40.077, 143.687

 0, 40.077, 143.687

■ 59, 40.077,
143.687

■ 59, 40.077,
143.687

■ 58, 49.579,
142.620

■ 60, 30.155,
144.623

■ 57, 58.409,
141.434

■ 61, 20.022,
145.435

■ 57, 66.281,
140.163

■ 63, 9.845, 146.139

■ 56, 72.887,
138.882

■ 64, 0.246, 325.772

■ 56, 77.927,
137.701

■ 66, 10.160,
327.192

■ 56, 81.277,
136.835

■ 68, 19.832,
327.637

■ 56, 81.340,
136.822

■ 70, 29.226,
328.014

■ 72, 38.320,
328.339

■ 74, 47.107,
328.620

Harmonies

Complementary

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



59, 40.077, 143.687



49, 40.026, 328.918

Rectangle

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



59, 40.077, 143.687



59, 40.077, 193.687



59, 40.077, 323.687



59, 40.077, 13.687

Sweetspot

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



59, 40.078, 143.687



79, 14.934, 145.974



63, 33.889, 109.459



42, 9.991, 145.892



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 40.078, 143.687



74, 58.996, 142.716



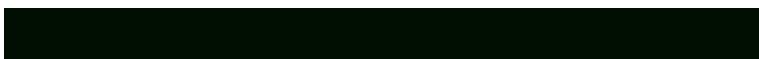
60, 27.514, 163.470



33, 5.765, 146.173



51, 76.127, 136.902



3, 7.537, 146.575

Inverse Universe

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



49, 40.026, 328.918



58, 58.697, 329.413



48, 29.371, 351.574



31, 5.777, 327.186



33, 70.533, 331.652



1, 7.425, 327.212

Previews

White Background



This preview shows how the CIE LCh color 59, 40.077, 143.687 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 59, 40.077, 143.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

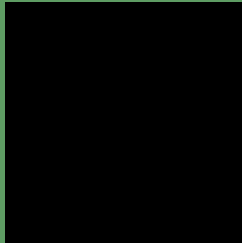
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 40.077, 143.687

Background



This preview shows how black text looks on a background with the CIELCh color 59, 40.077, 143.687.



This preview shows how white text looks on a background with the CIELCh color 59, 40.077, 143.687.

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
59, 40.077, 143.687

Protanopia
59, 27.379, 95.886

Deuteranopia
59, 22.648, 69.979



Tritanopia
59, 15.692, 224.128

Trichromacy



Original Color
59, 40.077, 143.687

Protanomaly
58, 28.992, 118.789

Deuteranomaly
58, 22.992, 110.677

Tritanomaly
59, 19.492, 175.301

Monochromacy



Original Color
59, 40.077, 143.687

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 14.920, 144.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 40.077, 143.687 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(94, 156, 99)` looks like.

```
.text, #text, p{  
    color:rgb(94, 156, 99)  
}
```

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(94, 156, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 156, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 40.077, 143.687 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(94, 156, 99) }
```

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

```
.border{ border-color:rgb(94, 156, 99) }
```

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

Here you see how a box with a 4 pixel rgb(94, 156, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 156, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 156, 99);  
box-shadow:4px 4px 4px 4px rgb(94, 156,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 40.077, 143.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 156, 99) }
```

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

```
.background{ background-color: rgb(94, 156,  
99) }
```

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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