

Converting Colors

CIELCh(59, 54.428, 126.463)

Have a look what the booklet for
CIELCh(59, 54.428, 126.463)
contains.

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Color

CIELCh(59, 54.249, 126.249)

Conversions

Conversions Part 1

Format	Color
Hex	6C9B3C
RGB	108, 155, 60
RGB Percent	42%, 61%, 24%
CMY	0.5758, 0.3915, 0.7641
CMYK	0.30, 0.00, 0.61, 0.39
HSL	90°, 44%, 42%
HSV	90°, 61%, 61%
XYZ	18.7757, 27.0277, 8.5251
YIQ	130.1170, 2.4830, -39.5090

Conversions

Conversions Part 2

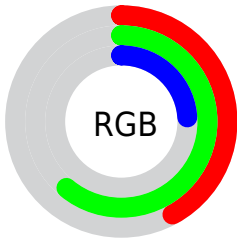
Format	Color
RYB	60, 155, 107
Decimal	7117628
CIELab	59.00, -32.08, 43.75
CIELCh	59, 54.249, 126.249
Yxy	27.0277, 0.3456, 0.4975
Android (android.graphics.Color)	4285307708 (0xFF6C9B3C)
YUV	130.1170, -34.5677, -19.3966
Hunter-Lab	51.9882, -26.5135, 26.6693

Details

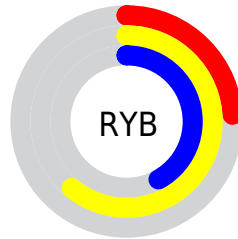
The CIELCh color **59, 54.249, 126.249** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **36, 59.459, 311.928**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 54.418, 126.334**, and **39, 54.078, 126.016** is the 20% darker color. If you saturate the color by 10%, you get **58, 61.507, 126.121**, and if you desaturate by 10%, it is **60, 46.165, 126.569**.

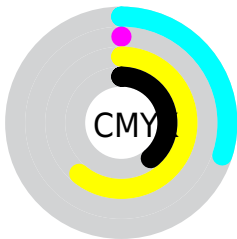
Distribution



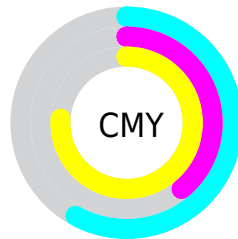
- Red (42%)
- Green (61%)
- Blue (24%)



- Red (24%)
- Yellow (61%)
- Blue (42%)



- Cyan (30%)
- Magenta (0%)
- Yellow (61%)
- Black (39%)





- Cyan (58%)
- Magenta (39%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 54.249, 126.249 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, 54.249, 126.249 by changing the saturation by 10% instead.


 59, 54.249,
126.249


 59, 54.249,
126.249


 100, 54.249,
126.249

 49, 54.249,
126.249


 79, 54.249,
126.249

 39, 54.249,
126.249

 89, 54.249,
126.249

 29, 54.249,
126.249

 99, 54.249,
126.249

 19, 54.249,
126.249

 9, 54.249, 126.249

 0, 54.249, 126.249

■ 59, 54.249,
126.249

■ 59, 54.249,
126.249

■ 58, 61.507,
126.121

■ 60, 46.165,
126.569

■ 58, 67.569,
126.295

■ 60, 37.546,
126.991

■ 58, 72.076,
126.889

■ 61, 28.606,
127.459

■ 57, 74.992,
127.647

■ 62, 19.490,
127.937

■ 63, 10.303,
128.405

■ 64, 1.117, 128.919

■ 65, 8.018, 309.226

■ 66, 17.065,
309.603

■ 67, 25.996,
309.941

Harmonies

Complementary

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



59, 54.249, 126.249



36, 59.459, 311.928

Rectangle

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



59, 54.249, 126.249



59, 54.249, 176.249



59, 54.249, 306.249



59, 54.249, 356.249

Sweetspot

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



59, 54.250, 126.250



79, 20.446, 128.073



49, 36.393, 66.257



42, 14.319, 127.944



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, 54.250, 126.250



74, 77.157, 126.138



57, 62.195, 138.958



32, 5.125, 128.497



52, 69.554, 127.501



3, 5.556, 129.180

Inverse Universe

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



36, 59.459, 311.928



40, 86.318, 312.362



42, 61.646, 326.921



30, 5.193, 309.277



21, 79.877, 312.030



1, 5.536, 308.591

Previews

White Background



This preview shows how the CIELCh color 59, 54.249, 126.249 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, 54.249, 126.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

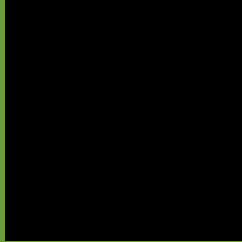
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 54.249, 126.249

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.249, 126.249.



This preview shows how white text looks on a background with the CIELCh color 59, 54.249, 126.249.

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, 54.249, 126.249

Protanopia

59, 46.833, 95.654

Deuteranopia

59, 42.886, 79.932



Tritanopia
59, 10.537, 239.242

Trichromacy



Original Color
59, 54.249, 126.249

Protanomaly
59, 47.539, 108.525

Deuteranomaly
58, 42.608, 99.634

Tritanomaly
59, 19.877, 147.611

Monochromacy



Original Color
59, 54.249, 126.249

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 20.545, 127.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.249, 126.249 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(108, 155, 60)` looks like.

```
.text, #text, p{  
    color:rgb(108, 155, 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(108, 155, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 155, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.249, 126.249 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(108, 155, 60) }
```

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

```
.border{ border-color:rgb(108, 155, 60) }
```

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

Here you see how a box with a 4 pixel rgb(108, 155, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 155, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 155, 60);  
box-shadow:4px 4px 4px 4px rgb(108, 155,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.249, 126.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 155, 60) }
```

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

```
.background{ background-color: rgb(108,  
155, 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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