

Converting Colors

CIELCh(59, 63.386, 128.241)

Have a look what the booklet for
CIELCh(59, 63.386, 128.241)
contains.

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Color

CIELCh(59, 63.402, 128.398)

Conversions

Conversions Part 1

Format	Color
Hex	5F9E2E
RGB	95, 158, 46
RGB Percent	37%, 62%, 18%
CMY	0.6280, 0.3809, 0.8201
CMYK	0.40, 0.00, 0.71, 0.38
HSL	94°, 55%, 40%
HSV	94°, 71%, 62%
XYZ	17.3982, 27.0277, 6.8700
YIQ	126.3950, -1.5960, -48.1880

Conversions

Conversions Part 2

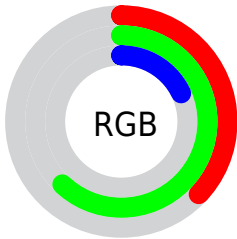
Format	Color
RYB	46, 158, 109
Decimal	6266414
CIELab	59.00, -39.38, 49.69
CIElCh	59, 63.402, 128.398
Yxy	27.0277, 0.3392, 0.5269
Android (android.graphics.Color)	4284456494 (0xFF5F9E2E)
YUV	126.3950, -39.6347, -27.5334
Hunter-Lab	51.9882, -31.2432, 28.5569

Details

The CIELCh color **59, 63.402, 128.398** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **33, 69.045, 314.179**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 63.119, 128.447**, and **39, 58.979, 130.983** is the 20% darker color. If you saturate the color by 10%, you get **58, 69.729, 128.517**, and if you desaturate by 10%, it is **60, 55.854, 128.573**.

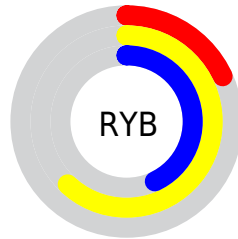
Distribution



Red (37%)

Green (62%)

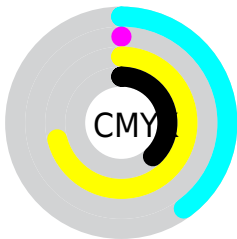
Blue (18%)



Red (18%)

Yellow (62%)

Blue (43%)

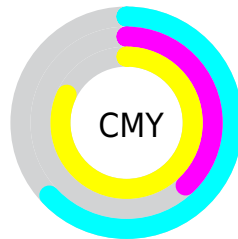


Cyan (40%)

Magenta (0%)

Yellow (71%)

Black (38%)



Cyan (63%)


Magenta (38%)


Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 63.402, 128.398 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, 63.402, 128.398 by changing the saturation by 10% instead.

 59, 63.402,
128.398


 59, 63.402,
128.398


 100, 63.402,
128.398

 49, 63.402,
128.398


 79, 63.402,
128.398

 39, 63.402,
128.398

 89, 63.402,
128.398

 29, 63.402,
128.398

 99, 63.402,
128.398

 19, 63.402,
128.398

 9, 63.402, 128.398

 0, 63.402, 128.398

■ 59, 63.402,
128.398

■ 59, 63.402,
128.398

■ 58, 69.729,
128.517

■ 60, 55.854,
128.573

■ 58, 74.463,
129.045

■ 60, 47.462,
128.923

■ 58, 77.583,
129.771

■ 61, 38.527,
129.365

■ 62, 29.270,
129.841

■ 63, 19.844,
130.317

■ 64, 10.357,
130.775

■ 65, 0.887, 131.315

■ 66, 8.511, 311.555

■ 67, 17.798,
311.908

Harmonies

Complementary

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



59, 63.402, 128.398



33, 69.045, 314.179

Rectangle

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



59, 63.402, 128.398



59, 63.402, 178.398



59, 63.402, 308.398



59, 63.402, 358.398

Sweetspot

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



59, 63.402, 128.399



79, 24.512, 130.296



50, 43.729, 71.179



41, 16.550, 130.176



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, 63.402, 128.399



74, 87.831, 128.759



57, 69.030, 139.263



33, 5.352, 130.851



53, 71.990, 129.633



4, 7.043, 131.984

Inverse Universe

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



33, 69.045, 314.179



38, 96.851, 314.128



40, 67.408, 329.411



31, 5.415, 311.595



23, 79.799, 313.643



1, 6.959, 310.229

Previews

White Background



This preview shows how the CIELCh color 59, 63.402, 128.398 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, 63.402, 128.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

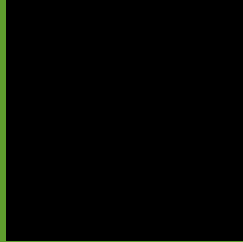
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 63.402, 128.398

Background



This preview shows how black text looks on a background with the CIELCh color 59, 63.402, 128.398.



This preview shows how white text looks on a background with the CIELCh color 59, 63.402, 128.398.

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, 63.402, 128.398

Protanopia

59, 52.733, 95.907

Deuteranopia

59, 47.901, 80.650



Tritanopia
59, 13.770, 228.246

Trichromacy



Original Color
59, 63.402, 128.398

Protanomaly
59, 54.496, 110.206

Deuteranomaly
58, 48.397, 102.862

Tritanomaly
59, 25.690, 150.688

Monochromacy



Original Color
59, 63.402, 128.398

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 25.175, 129.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 63.402, 128.398 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(95, 158, 46)` looks like.

```
.text, #text, p{  
    color:rgb(95, 158, 46)  
}
```

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(95, 158, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 158, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 63.402, 128.398 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(95, 158, 46) }
```

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

```
.border{ border-color:rgb(95, 158, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 158, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 158, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 158, 46);  
box-shadow:4px 4px 4px 4px rgb(95, 158,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 63.402, 128.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 158, 46) }
```

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

```
.background{ background-color: rgb(95, 158,  
46) }
```

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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