

Converting Colors

CIELCh(59, 41.714, 98.491)

Have a look what the booklet for
CIELCh(59, 41.714, 98.491) contains.

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Color

CIELCh(59, 41.722, 98.418)

Conversions

Conversions Part 1

Format	Color
Hex	9A8F43
RGB	154, 143, 67
RGB Percent	60%, 56%, 26%
CMY	0.3950, 0.4382, 0.7363
CMYK	0.00, 0.07, 0.56, 0.40
HSL	52°, 39%, 43%
HSV	52°, 56%, 60%
XYZ	24.2603, 27.0277, 9.2871
YIQ	137.6250, 30.9520, -21.3040

Conversions

Conversions Part 2

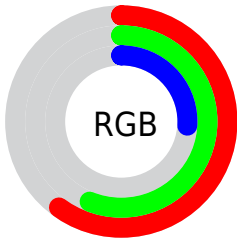
Format	Color
R_{YB}	80, 154, 67
Decimal	10129219
CIE _{Lab}	59.00, -6.11, 41.27
CIE _{LCh}	59, 41.722, 98.418
Yxy	27.0277, 0.4005, 0.4462
Android (android.graphics.Color)	4288319299 (0xFF9A8F43)
YUV	137.6250, -34.8181, 14.3609
Hunter-Lab	51.9882, -7.6823, 25.8003

Details

The CIELCh color $59, 41.722, 98.418$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $36, 46.986, 293.623$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 42.133, 98.861$, and $39, 41.575, 98.728$ is the 20% darker color. If you saturate the color by 10%, you get $58, 48.167, 97.369$, and if you desaturate by 10%, it is $60, 34.723, 99.499$.

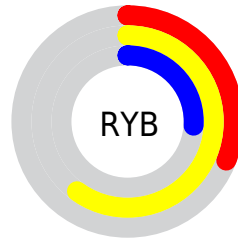
Distribution



Red (60%)

Green (56%)

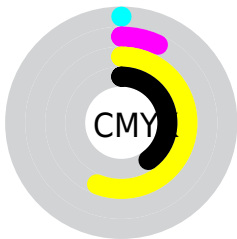
Blue (26%)



Red (31%)

Yellow (60%)

Blue (26%)

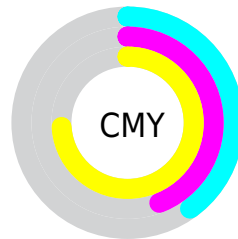


Cyan (0%)

Magenta (7%)

Yellow (56%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 41.722, 98.418 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, 41.722, 98.418 by changing the saturation by 10% instead.

■ 59, 41.722, 98.418

■ 59, 41.722, 98.418

■ 100, 41.722,
98.418

■ 49, 41.722, 98.418

■ 79, 41.722, 98.418

■ 39, 41.722, 98.418

■ 89, 41.722, 98.418

■ 29, 41.722, 98.418

■ 99, 41.722, 98.418

■ 19, 41.722, 98.418

■ 9, 41.722, 98.418

■ 0, 41.722, 98.418

■ 59, 41.722, 98.418

■ 59, 41.722, 98.418

■ 58, 48.167, 97.369

■ 60, 34.723, 99.499

■ 58, 53.700, 96.353

■ 61, 27.409,

■ 57, 57.866, 95.377

100.590

■ 56, 60.343, 94.428

■ 61, 19.933,
101.679

■ 56, 61.107, 94.095

■ 62, 12.388,
102.755

■ 63, 4.829, 103.800

■ 64, 2.711, 284.885

■ 65, 10.212,
285.852

■ 66, 17.663,
286.802

■ 67, 25.057,
287.712

Harmonies

Complementary

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



59, 41.722, 98.418



36, 46.986, 293.623

Rectangle

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



59, 41.722, 98.418



59, 41.722, 148.418



59, 41.722, 278.418



59, 41.722, 328.418

Sweetspot

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



59, 41.723, 98.421



79, 15.951, 102.656



40, 39.084, 16.521



42, 10.755, 102.459



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, 41.723, 98.421



74, 60.819, 97.065



60, 48.585, 121.525



32, 4.233, 103.512



51, 57.034, 94.176



3, 4.525, 103.857

Inverse Universe

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



36, 46.986, 293.623



40, 72.023, 296.840



36, 54.331, 307.956



30, 4.299, 285.510



17, 79.044, 303.990



1, 4.595, 284.592

Previews

White Background



This preview shows how the CIELCh color 59, 41.722, 98.418 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, 41.722, 98.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

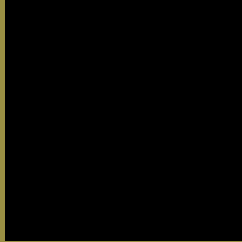
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 41.722, 98.418

Background



This preview shows how black text looks on a background with the CIELCh color 59, 41.722, 98.418.



This preview shows how white text looks on a background with the CIELCh color 59, 41.722, 98.418.

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, 41.722, 98.418

Protanopia

59, 41.560, 95.858

Deuteranopia

59, 41.480, 79.278



Tritanopia
59, 12.061, 352.821

Trichromacy



Original Color
59, 41.722, 98.418

Protanomaly
59, 41.477, 96.482

Deuteranomaly
59, 41.052, 86.573

Tritanomaly
59, 14.882, 72.206

Monochromacy



Original Color
59, 41.722, 98.418

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 15.883, 102.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 41.722, 98.418 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(154, 143, 67)` looks like.

```
.text, #text, p{  
    color:rgb(154, 143, 67)  
}
```

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(154, 143, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 143, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 41.722, 98.418 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(154, 143, 67) }
```

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

```
.border{ border-color:rgb(154, 143, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 143, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 143, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 143, 67);  
box-shadow:4px 4px 4px 4px rgb(154, 143,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 41.722, 98.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 143, 67) }
```

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

```
.background{ background-color: rgb(154,  
143, 67) }
```

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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