

Converting Colors

CIELCh(59, 36.265, 97.412)

Have a look what the booklet for
CIELCh(59, 36.265, 97.412) contains.

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Color

CIELCh(59, 36.265, 97.412)

Conversions

Conversions Part 1

Format	Color
Hex	9B8F4E
RGB	155, 143, 78
RGB Percent	61%, 56%, 31%
CMY	0.3935, 0.4405, 0.6953
CMYK	0.00, 0.08, 0.50, 0.39
HSL	51°, 33%, 46%
HSV	51°, 50%, 61%
XYZ	24.5898, 27.0277, 11.0711
YIQ	139.1780, 28.0170, -17.6710

Conversions

Conversions Part 2

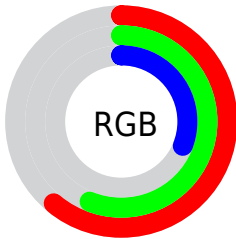
Format	Color
R _Y B	92, 155, 78
Decimal	10194766
CIE Lab	59.00, -4.68, 35.96
CIE LCh	59, 36.265, 97.412
Yxy	27.0277, 0.3923, 0.4311
Android (android.graphics.Color)	4288384846 (0xFF9B8F4E)
YUV	139.1780, -30.1608, 13.8759
Hunter-Lab	51.9882, -6.5509, 23.7657

Details

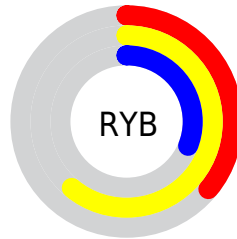
The CIELCh color **59, 36.265, 97.412** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **40, 39.572, 290.745**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 36.198, 97.651**, and **39, 36.386, 97.329** is the 20% darker color. If you saturate the color by 10%, you get **58, 43.030, 96.283**, and if you desaturate by 10%, it is **60, 29.157, 98.552**.

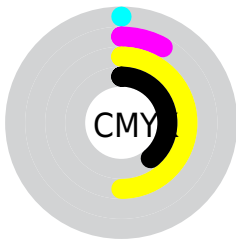
Distribution



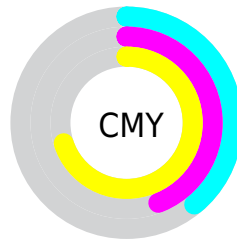
- Red (61%)
- Green (56%)
- Blue (31%)



- Red (36%)
- Yellow (61%)
- Blue (31%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 36.265, 97.412 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, 36.265, 97.412 by changing the saturation by 10% instead.

■ 59, 36.265, 97.412

■ 59, 36.265, 97.412

■ 100, 36.265,
97.412

■ 49, 36.265, 97.412

■ 79, 36.265, 97.412

■ 39, 36.265, 97.412

■ 89, 36.265, 97.412

■ 29, 36.265, 97.412

■ 99, 36.265, 97.412

■ 19, 36.265, 97.412

■ 9, 36.265, 97.412

■ 0, 36.265, 97.412

■ 59, 36.265, 97.412

■ 59, 36.265, 97.412

■ 58, 43.030, 96.283

■ 60, 29.157, 98.552

■ 57, 49.178, 95.163

■ 61, 21.874, 99.684

57, 54.312, 94.055

62, 14.521,
100.800

56, 57.947, 92.944

63, 7.157, 101.887

55, 60.155, 91.819

64, 0.181, 283.576

55, 60.208, 91.793

65, 7.474, 284.011

66, 14.711,
284.993

67, 21.886,
285.936

68, 28.997,
286.835

Harmonies

Complementary

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



59, 36.265, 97.412



40, 39.572, 290.745

Rectangle

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



59, 36.265, 97.412



59, 36.265, 147.412



59, 36.265, 277.412



59, 36.265, 327.412

Sweetspot

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



59, 36.266, 97.415



79, 13.659, 101.290



43, 34.199, 12.449



42, 9.397, 101.075



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, 36.266, 97.415



74, 53.456, 96.123



60, 43.090, 120.431



32, 4.106, 101.945



50, 56.098, 91.899



3, 4.380, 102.215

Inverse Universe

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



40, 39.572, 290.745



46, 60.416, 293.452



39, 47.697, 306.463



30, 4.163, 283.994



18, 77.029, 303.233



1, 4.456, 283.085

Previews

White Background



This preview shows how the CIELCh color 59, 36.265, 97.412 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, 36.265, 97.412 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, 36.265, 97.412

Background



This preview shows how black text looks on a background with the CIELCh color 59, 36.265, 97.412.



This preview shows how white text looks on a background with the CIELCh color 59, 36.265, 97.412.

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, 36.265, 97.412

Protanopia

59, 35.949, 95.903

Deuteranopia

59, 36.225, 77.791



Tritanopia
59, 11.710, 351.849

Trichromacy



Original Color
59, 36.265, 97.412

Protanomaly
59, 35.949, 95.903

Deuteranomaly
59, 35.446, 85.223

Tritanomaly
59, 13.075, 66.827

Monochromacy



Original Color
59, 36.265, 97.412

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 13.151, 99.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 36.265, 97.412 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(155, 143, 78)` looks like.

```
.text, #text, p{  
    color:rgb(155, 143, 78)  
}
```

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(155, 143, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 143, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 36.265, 97.412 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(155, 143, 78) }
```

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

```
.border{ border-color:rgb(155, 143, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 143, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 143, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 143, 78);  
box-shadow:4px 4px 4px 4px rgb(155, 143,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 36.265, 97.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 143, 78) }
```

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

```
.background{ background-color: rgb(155,  
143, 78) }
```

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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