

Converting Colors

CIELCh(61, 28.098, 98.067)

Have a look what the booklet for
CIELCh(61, 28.098, 98.067) contains.

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Color

CIELCh(61, 28.067, 98.093)

Conversions

Conversions Part 1

Format	Color
Hex	9E9462
RGB	158, 148, 98
RGB Percent	62%, 58%, 38%
CMY	0.3812, 0.4203, 0.6164
CMYK	0.00, 0.06, 0.38, 0.38
HSL	50°, 24%, 50%
HSV	50°, 38%, 62%
XYZ	26.8184, 29.2481, 15.7427
YIQ	145.2900, 22.0100, -13.4300

Conversions

Conversions Part 2

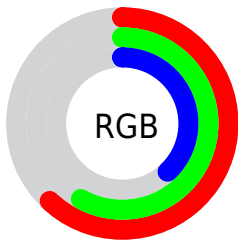
Format	Color
RYB	110, 158, 98
Decimal	10392674
CIELab	61.00, -3.95, 27.79
CIELCh	61, 28.067, 98.093
Yxy	29.2481, 0.3735, 0.4073
Android (android.graphics.Color)	4288582754 (0xFF9E9462)
YUV	145.2900, -23.3140, 11.1467
Hunter-Lab	54.0815, -6.1267, 20.5982

Details

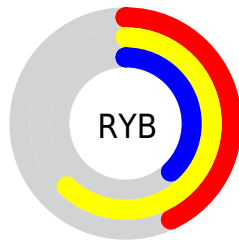
The CIELCh color **61, 28.067, 98.093** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 29.701, 287.801**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.283, 97.809**, and **41, 28.459, 99.022** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.283, 96.941**, and if you desaturate by 10%, it is **62, 20.710, 99.243**.

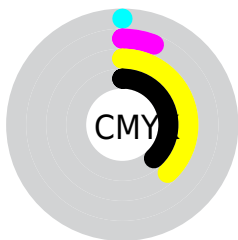
Distribution



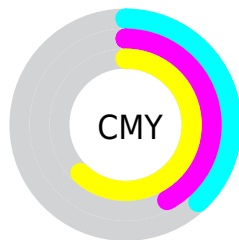
- Red (62%)
- Green (58%)
- Blue (38%)



- Red (43%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (38%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 28.067, 98.093 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 61, 28.067, 98.093 by changing the saturation by 10% instead.

61, 28.067, 98.093

61, 28.067, 98.093

100, 28.067,
98.093

51, 28.067, 98.093

81, 28.067, 98.093

41, 28.067, 98.093

91, 28.067, 98.093

31, 28.067, 98.093

21, 28.067, 98.093

11, 28.067, 98.093

1, 28.067, 98.093

0, 28.067, 98.093

61, 28.067, 98.093

61, 28.067, 98.093

60, 35.283, 96.941

62, 20.710, 99.243

59, 42.197, 95.784

63, 13.302,
100.369

58, 48.556, 94.632

64, 5.898, 101.462

57, 53.976, 93.483

65, 1.470, 282.631

57, 57.964, 92.321

66, 8.785, 283.597

56, 60.306, 91.120

68, 16.038,
284.582

56, 60.742, 90.886

69, 23.224,
285.526

70, 30.343,
286.425

71, 37.394,
287.278

Harmonies

Complementary

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



61, 28.067, 98.093



47, 29.701, 287.801

Rectangle

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



61, 28.067, 98.093



61, 28.067, 148.093



61, 28.067, 278.093



61, 28.067, 328.093

Sweetspot

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



61, 28.068, 98.097



81, 9.995, 101.118



48, 26.069, 10.250



42, 6.703, 100.983



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 28.068, 98.097



76, 41.702, 97.074



62, 33.891, 120.998



33, 4.172, 101.329



51, 56.503, 91.002



3, 5.291, 100.639

Inverse Universe

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



47, 29.701, 287.801



55, 44.992, 289.589



46, 36.481, 305.522



31, 4.227, 283.409



18, 77.328, 302.959



1, 5.514, 282.817

Previews

White Background



This preview shows how the CIELCh color 61, 28.067, 98.093 looks on a white background.

Color Contrast Check

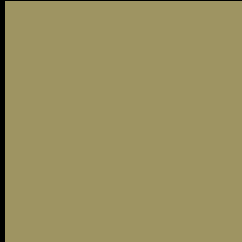
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 28.067, 98.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

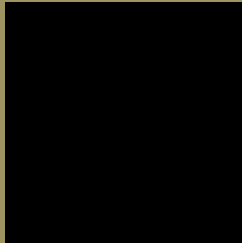
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 28.067, 98.093

Background



This preview shows how black text looks on a background with the CIELCh color 61, 28.067, 98.093.



This preview shows how white text looks on a background with the CIELCh color 61, 28.067, 98.093.

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

61, 28.067, 98.093

Protanopia

61, 27.817, 95.297

Deuteranopia

61, 28.428, 74.531



Tritanopia
61, 10.895, 346.007

Trichromacy



Original Color
61, 28.067, 98.093

Protanomaly
61, 27.725, 96.184

Deuteranomaly
61, 27.264, 82.558

Tritanomaly
61, 9.941, 58.151

Monochromacy



Original Color
61, 28.067, 98.093

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 10.222, 99.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 28.067, 98.093 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(158, 148, 98)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 98)  
}
```

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(158, 148, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 28.067, 98.093 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(158, 148, 98) }
```

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

```
.border{ border-color:rgb(158, 148, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 98);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 28.067, 98.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 98) }
```

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

```
.background{ background-color: rgb(158,  
148, 98) }
```

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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