

Converting Colors

CIELCh(61, 20.264, 98.126)

Have a look what the booklet for
CIELCh(61, 20.264, 98.126) contains.

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Color

CIELCh(61, 20.355, 98.312)

Conversions

Conversions Part 1

Format	Color
Hex	9C9470
RGB	156, 148, 112
RGB Percent	61%, 58%, 44%
CMY	0.3898, 0.4211, 0.5622
CMYK	0.00, 0.05, 0.28, 0.39
HSL	49°, 18%, 52%
HSV	49°, 28%, 61%
XYZ	27.0666, 29.2481, 19.4396
YIQ	146.2880, 16.3240, -9.5000

Conversions

Conversions Part 2

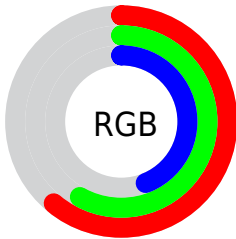
Format	Color
RYB	122, 156, 112
Decimal	10261616
CIELab	61.00, -2.94, 20.14
CIElCh	61, 20.355, 98.312
Yxy	29.2481, 0.3573, 0.3861
Android (android.graphics.Color)	4288451696 (0xFF9C9470)
YUV	146.2880, -16.9040, 8.5174
Hunter-Lab	54.0815, -5.3075, 16.5453

Details

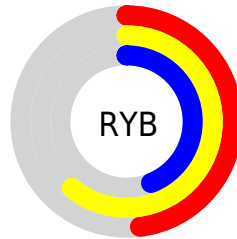
The CIELCh color **61, 20.355, 98.312** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **51, 21.097, 285.266**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 20.346, 98.351**, and **41, 20.026, 97.713** is the 20% darker color. If you saturate the color by 10%, you get **60, 27.544, 97.152**, and if you desaturate by 10%, it is **62, 13.130, 99.460**.

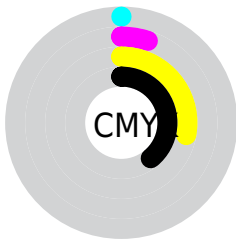
Distribution



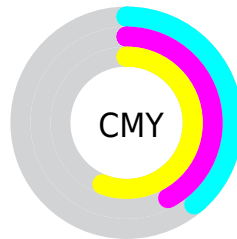
- Red (61%)
- Green (58%)
- Blue (44%)



- Red (48%)
- Yellow (61%)
- Blue (44%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 20.355, 98.312 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, 20.355, 98.312 by changing the saturation by 10% instead.

■ 61, 20.355, 98.312

■ 61, 20.355, 98.312

■ 100, 20.355,
98.312

■ 51, 20.355, 98.312

■ 81, 20.355, 98.312

■ 41, 20.355, 98.312

■ 91, 20.355, 98.312

■ 31, 20.355, 98.312

■ 21, 20.355, 98.312

■ 11, 20.355, 98.312

■ 1, 20.355, 98.312

■ 0, 20.355, 98.312

■ 61, 20.355, 98.312

■ 61, 20.355, 98.312

■ 60, 27.544, 97.152

■ 62, 13.130, 99.460

59, 34.604, 95.974

63, 5.918, 100.566

58, 41.385, 94.788

64, 1.251, 281.768

57, 47.636, 93.599

66, 8.362, 282.729

56, 52.979, 92.400

67, 15.408,
283.724

55, 56.919, 91.166

68, 22.385,
284.678

54, 59.274, 89.872

69, 29.292,
285.587

54, 59.667, 89.652

71, 36.130,
286.450

72, 42.900,
287.266

Harmonies

Complementary

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



61, 20.355, 98.312



51, 21.097, 285.266

Rectangle

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



61, 20.355, 98.312



61, 20.355, 148.312



61, 20.355, 278.312



61, 20.355, 328.312

Sweetspot

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



61, 20.356, 98.317



80, 7.073, 100.577



52, 18.811, 7.516



42, 5.070, 100.423



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, 20.356, 98.317



76, 30.224, 97.575



62, 24.988, 120.864



33, 4.106, 100.458



50, 56.073, 89.763



3, 5.197, 99.636

Inverse Universe

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



51, 21.097, 285.266



61, 31.647, 286.370



50, 26.366, 304.220



31, 4.157, 282.565



19, 76.145, 302.496



1, 5.429, 282.020

Previews

White Background



This preview shows how the CIELCh color 61, 20.355, 98.312 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, 20.355, 98.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

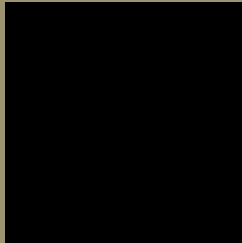
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 20.355, 98.312

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.355, 98.312.



This preview shows how white text looks on a background with the CIELCh color 61, 20.355, 98.312.

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, 20.355, 98.312

Protanopia

61, 20.544, 95.942

Deuteranopia

61, 21.080, 67.673



Tritanopia
61, 9.640, 340.498

Trichromacy



Original Color
61, 20.355, 98.312

Protanomaly
61, 20.457, 97.113

Deuteranomaly
61, 19.818, 77.052

Tritanomaly
61, 6.896, 48.982

Monochromacy



Original Color
61, 20.355, 98.312

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.328, 103.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.355, 98.312 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(156, 148, 112)` looks like.

```
.text, #text, p{  
    color:rgb(156, 148, 112)  
}
```

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(156, 148, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 148, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.355, 98.312 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(156, 148, 112) }
```

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

```
.border{ border-color:rgb(156, 148, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 148, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 148, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 148, 112);  
box-shadow:4px 4px 4px 4px rgb(156, 148,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.355, 98.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 148, 112) }
```

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

```
.background{ background-color: rgb(156,  
148, 112) }
```

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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