

Converting Colors

CIELCh(62, 19.547, 103.612)

Have a look what the booklet for
CIELCh(62, 19.547, 103.612)
contains.

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Color

CIELCh(62, 19.520, 103.070)

Conversions

Conversions Part 1

Format	Color
Hex	9B9774
RGB	155, 151, 116
RGB Percent	61%, 59%, 45%
CMY	0.3918, 0.4075, 0.5448
CMYK	0.00, 0.03, 0.25, 0.39
HSL	54°, 16%, 53%
HSV	54°, 25%, 61%
XYZ	27.7734, 30.4025, 20.9537
YIQ	148.2060, 13.6190, -10.0370

Conversions

Conversions Part 2

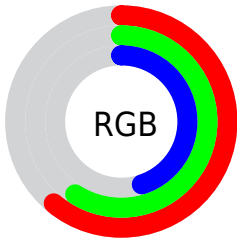
Format	Color
RYB	120, 155, 116
Decimal	10196852
CIELab	62.00, -4.41, 19.01
CIELCh	62, 19.520, 103.070
Yxy	30.4025, 0.3510, 0.3842
Android (android.graphics.Color)	4288386932 (0xFF9B9774)
YUV	148.2060, -15.8776, 5.9583
Hunter-Lab	55.1385, -6.5816, 16.0656

Details

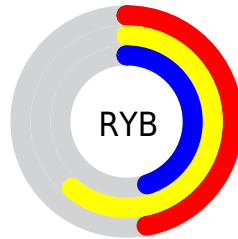
The CIELCh color **62, 19.520, 103.070** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **51, 20.413, 288.779**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 19.558, 102.717**, and **42, 19.117, 103.143** is the 20% darker color. If you saturate the color by 10%, you get **61, 27.195, 102.016**, and if you desaturate by 10%, it is **63, 11.768, 104.123**.

Distribution



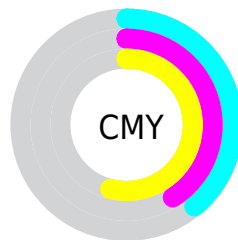
- Red (61%)
- Green (59%)
- Blue (45%)



- Red (47%)
- Yellow (61%)
- Blue (45%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (39%)





- Cyan (39%)
- Magenta (41%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.520, 103.070 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 62, 19.520, 103.070 by changing the saturation by 10% instead.


 62, 19.520,
103.070


 62, 19.520,
103.070


 100, 19.520,
103.070


 52, 19.520,
103.070


 82, 19.520,
103.070

 42, 19.520,
103.070

 92, 19.520,
103.070

 32, 19.520,
103.070

 22, 19.520,
103.070

 12, 19.520,
103.070

 2, 19.520, 103.070

 0, 19.520, 103.070

62, 19.520,
103.070

62, 19.520,
103.070

61, 27.195,
102.016

63, 11.768,
104.123

61, 34.696,
100.961

64, 3.993, 105.141

60, 41.876, 99.926

64, 3.771, 286.192

59, 48.499, 98.927

65, 11.503,
287.147

59, 54.220, 97.982

66, 19.190,
288.078

58, 58.596, 97.104

67, 26.823,
288.968

58, 61.246, 96.291

58, 62.257, 95.910

68, 34.398,
289.816

69, 41.911,
290.621

■ 70, 49.001,
291.319

Harmonies

Complementary

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



62, 19.520, 103.070



51, 20.413, 288.779

Rectangle

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



62, 19.520, 103.070



62, 19.520, 153.070



62, 19.520, 283.070



62, 19.520, 333.070

Sweetspot

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



62, 19.521, 103.075



80, 7.685, 104.841



53, 16.403, 12.226



43, 5.506, 104.696



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 19.521, 103.075



78, 28.776, 102.500



62, 22.492, 123.630



32, 4.340, 104.734



52, 57.880, 95.977



3, 4.649, 105.157

Inverse Universe

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



51, 20.413, 288.779



62, 30.435, 289.621



52, 23.472, 306.283



30, 4.413, 286.691



17, 80.525, 304.524



1, 4.712, 285.768

Previews

White Background



This preview shows how the CIELCh color 62, 19.520, 103.070 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 19.520, 103.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

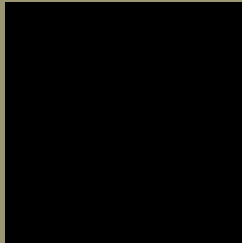
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

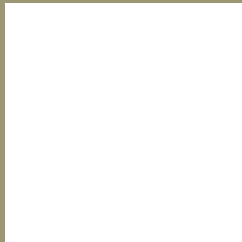
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 19.520, 103.070

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.520, 103.070.



This preview shows how white text looks on a background with the CIELCh color 62, 19.520, 103.070.

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

62, 19.520, 103.070

Protanopia

62, 19.930, 95.761

Deuteranopia

62, 19.805, 66.789



Tritanopia
62, 8.215, 331.539

Trichromacy



Original Color
62, 19.520, 103.070

Protanomaly
62, 19.763, 98.166

Deuteranomaly
62, 19.044, 80.424

Tritanomaly
62, 5.185, 59.846

Monochromacy



Original Color
62, 19.520, 103.070

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 7.310, 103.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.520, 103.070 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, 151, 116)` looks like.

```
.text, #text, p{  
    color:rgb(155, 151, 116)  
}
```

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, 151, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 151, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.520, 103.070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

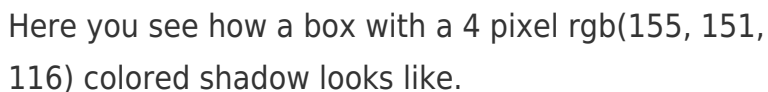
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 151, 116) }
```

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

```
.border{ border-color:rgb(155, 151, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 151, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 151, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 151, 116); box-shadow:4px 4px 4px 4px rgb(155, 151, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.520, 103.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 151, 116) }
```

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

```
.background{ background-color: rgb(155,  
151, 116) }
```

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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