

Converting Colors

CIELCh(63, 18.062, 102.918)

Have a look what the booklet for
CIELCh(63, 18.062, 102.918)
contains.

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Color

CIELCh(63, 18.359, 102.965)

Conversions

Conversions Part 1

Format	Color
Hex	9E9A79
RGB	158, 154, 121
RGB Percent	62%, 60%, 47%
CMY	0.3819, 0.3976, 0.5269
CMYK	0.00, 0.03, 0.23, 0.38
HSL	54°, 16%, 55%
HSV	54°, 23%, 62%
XYZ	28.9461, 31.5869, 22.5424
YIQ	151.4340, 12.9770, -9.4150

Conversions

Conversions Part 2

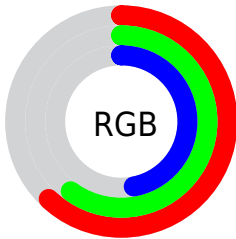
Format	Color
RYB	125, 158, 121
Decimal	10394233
CIELab	63.00, -4.12, 17.89
CIElCh	63, 18.359, 102.965
Yxy	31.5869, 0.3484, 0.3802
Android (android.graphics.Color)	4288584313 (0xFF9E9A79)
YUV	151.4340, -15.0040, 5.7584
Hunter-Lab	56.2022, -6.4203, 15.5607

Details

The CIELCh color **63, 18.359, 102.965** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **53, 19.121, 288.281**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 18.467, 102.535**, and **43, 18.447, 103.195** is the 20% darker color. If you saturate the color by 10%, you get **62, 26.118, 101.904**, and if you desaturate by 10%, it is **64, 10.538, 104.022**.

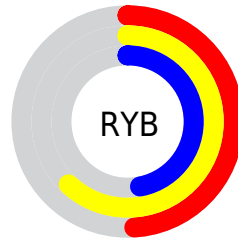
Distribution



Red (62%)

Green (60%)

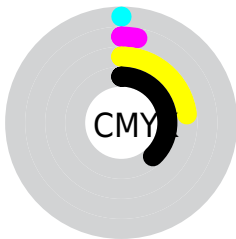
Blue (47%)



Red (49%)

Yellow (62%)

Blue (47%)

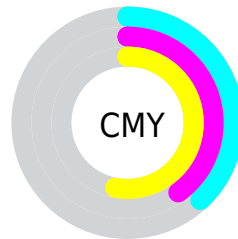


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (38%)



Cyan (38%)


Magenta (40%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 18.359, 102.965 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 63, 18.359, 102.965 by changing the saturation by 10% instead.


 63, 18.359,
102.965


 63, 18.359,
102.965


 100, 18.359,
102.965


 53, 18.359,
102.965


 83, 18.359,
102.965

 43, 18.359,
102.965

 93, 18.359,
102.965

 33, 18.359,
102.965

 23, 18.359,
102.965

 13, 18.359,
102.965

 3, 18.359, 102.965

 0, 18.359, 102.965

63, 18.359,
102.965

63, 18.359,
102.965

62, 26.118,
101.904

64, 10.538,
104.022

62, 33.725,
100.838

65, 2.702, 105.032

61, 41.042, 99.787

66, 5.115, 286.089

60, 47.847, 98.767

66, 12.895,
287.049

60, 53.809, 97.795

67, 20.626,
287.977

59, 58.489, 96.883

68, 28.301,
288.865

59, 61.444, 96.029

58, 62.778, 95.493

70, 35.915,
289.709

71, 43.466,
290.510

■ 71, 46.944,
290.532

Harmonies

Complementary

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



63, 18.359, 102.965



53, 19.121, 288.281

Rectangle

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



63, 18.359, 102.965



63, 18.359, 152.965



63, 18.359, 282.965



63, 18.359, 332.965

Sweetspot

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



63, 18.360, 102.970



81, 6.753, 104.673



54, 15.432, 12.024



43, 4.378, 104.619



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 18.360, 102.970



79, 27.008, 102.431



63, 21.273, 123.716



33, 4.434, 104.458



53, 58.438, 95.561



4, 5.681, 104.309

Inverse Universe

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



53, 19.121, 288.281



64, 28.414, 289.048



53, 22.133, 306.179



31, 4.508, 286.434



17, 81.350, 304.441



1, 5.851, 285.690

Previews

White Background



This preview shows how the CIELCh color 63, 18.359, 102.965 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 63, 18.359, 102.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

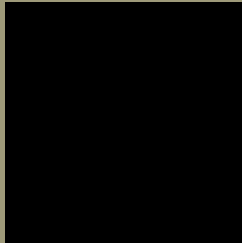
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 18.359, 102.965

Background



This preview shows how black text looks on a background with the CIELCh color 63, 18.359, 102.965.



This preview shows how white text looks on a background with the CIELCh color 63, 18.359, 102.965.

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


63, 18.359, 102.965

Protanopia

63, 18.265, 94.965

Deuteranopia

63, 18.885, 64.811



Tritanopia
63, 8.864, 331.059

Trichromacy



Original Color
63, 18.359, 102.965

Protanomaly
63, 18.536, 99.083

Deuteranomaly
63, 17.507, 78.260

Tritanomaly
63, 4.867, 46.900

Monochromacy



Original Color
63, 18.359, 102.965

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 6.698, 106.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 18.359, 102.965 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, 154, 121)` looks like.

```
.text, #text, p{  
    color:rgb(158, 154, 121)  
}
```

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, 154, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 154, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 18.359, 102.965 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, 154, 121) }
```

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

```
.border{ border-color:rgb(158, 154, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 154, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 154, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 154, 121);  
box-shadow:4px 4px 4px 4px rgb(158, 154,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 18.359, 102.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 154, 121) }
```

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

```
.background{ background-color: rgb(158,  
154, 121) }
```

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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