

Converting Colors

CIELCh(63, 19.745, 66.828)

Have a look what the booklet for
CIELCh(63, 19.745, 66.828) contains.

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Color

CIELCh(63, 19.715, 66.847)

Conversions

Conversions Part 1

Format	Color
Hex	B29379
RGB	178, 147, 121
RGB Percent	70%, 58%, 47%
CMY	0.3031, 0.4246, 0.5265
CMYK	0.00, 0.17, 0.32, 0.30
HSL	27°, 27%, 59%
HSV	27°, 32%, 70%
XYZ	32.1198, 31.5869, 22.4077
YIQ	153.3050, 26.8220, -1.5140

Conversions

Conversions Part 2

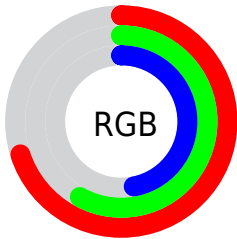
Format	Color
RYB	178, 169, 121
Decimal	11703161
CIELab	63.00, 7.75, 18.13
CIELCh	63, 19.715, 66.847
Yxy	31.5869, 0.3730, 0.3668
Android (android.graphics.Color)	4289893241 (0xFFB29379)
YUV	153.3050, -15.9264, 21.6575
Hunter-Lab	56.2022, 3.6595, 15.7028

Details

The CIELCh color **63, 19.715, 66.847** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61, 17.611, 255.410**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 20.040, 66.939**, and **43, 19.699, 66.436** is the 20% darker color. If you saturate the color by 10%, you get **60, 26.582, 65.723**, and if you desaturate by 10%, it is **66, 13.200, 67.990**.

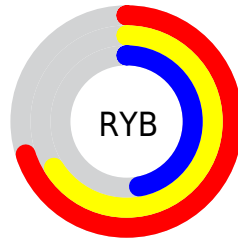
Distribution



Red (70%)

Green (58%)

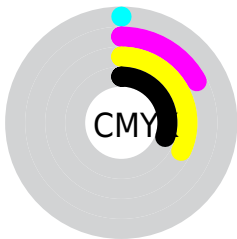
Blue (47%)



Red (70%)

Yellow (66%)

Blue (47%)

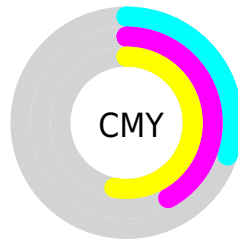


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (30%)



Cyan (30%)

Magenta (42%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 19.715, 66.847 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, 19.715, 66.847 by changing the saturation by 10% instead.

■ 63, 19.715, 66.847

■ 63, 19.715, 66.847

■ 100, 19.715,
66.847

■ 53, 19.715, 66.847

■ 83, 19.715, 66.847

■ 43, 19.715, 66.847

■ 93, 19.715, 66.847

■ 33, 19.715, 66.847

■ 23, 19.715, 66.847

■ 13, 19.715, 66.847

■ 3, 19.715, 66.847

■ 0, 19.715, 66.847

■ 63, 19.715, 66.847

■ 63, 19.715, 66.847

■ 60, 26.582, 65.723

■ 66, 13.200, 67.990

57, 33.785, 64.597

69, 7.025, 69.112

55, 41.251, 63.462

72, 1.165, 69.988

52, 48.795, 62.261

75, 4.409, 251.510

50, 56.019, 60.860

78, 9.728, 252.563

48, 62.183, 58.984

81, 14.820,
253.618

46, 66.254, 57.247

84, 19.714,
254.645

87, 21.426,
248.247

90, 20.582,
231.237

Harmonies

Complementary

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



63, 19.715, 66.847



61, 17.611, 255.410

Rectangle

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



63, 19.715, 66.847



63, 19.715, 116.847



63, 19.715, 246.847



63, 19.715, 296.847

Sweetspot

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



63, 19.715, 66.854



88, 7.198, 69.318



57, 28.161, 343.854



47, 4.969, 69.167



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 19.715, 66.854



78, 29.557, 66.106



70, 29.165, 104.897



36, 3.286, 69.409



40, 59.151, 57.731



4, 7.514, 58.324

Inverse Universe

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



61, 17.611, 255.410



76, 25.710, 256.804



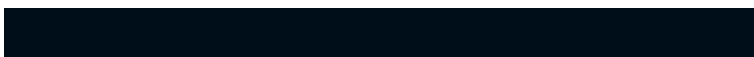
54, 31.274, 292.191



36, 3.196, 251.743



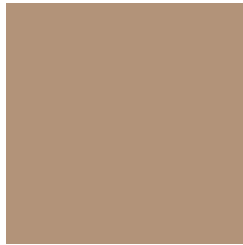
35, 44.531, 278.666



3, 8.473, 262.296

Previews

White Background



This preview shows how the CIELCh color 63, 19.715, 66.847 looks on a white background.

Color Contrast Check

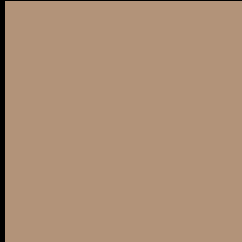
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 19.715, 66.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

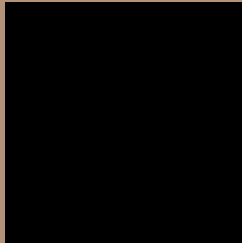
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 19.715, 66.847

Background



This preview shows how black text looks on a background with the CIELCh color 63, 19.715, 66.847.



This preview shows how white text looks on a background with the CIELCh color 63, 19.715, 66.847.

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, 19.715, 66.847

Protanopia

63, 16.649, 93.930

Deuteranopia

63, 19.715, 66.847



Tritanopia
63, 16.500, 359.408

Trichromacy



Original Color
63, 19.715, 66.847

Protanomaly
63, 17.364, 82.694

Deuteranomaly
63, 19.715, 66.847

Tritanomaly
63, 14.717, 27.252

Monochromacy



Original Color
63, 19.715, 66.847

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.088, 71.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 19.715, 66.847 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(178, 147, 121)` looks like.

```
.text, #text, p{  
    color:rgb(178, 147, 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(178, 147, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 147, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 19.715, 66.847 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(178, 147, 121) }
```

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

```
.border{ border-color:rgb(178, 147, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 147, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 147, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 147, 121);  
box-shadow:4px 4px 4px 4px rgb(178, 147,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 19.715, 66.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 147, 121) }
```

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

```
.background{ background-color: rgb(178,  
147, 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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