

Converting Colors

CIELCh(63, 31.102, 59.990)

Have a look what the booklet for
CIELCh(63, 31.102, 59.990) contains.

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Color

CIELCh(63, 31.327, 59.899)

Conversions

Conversions Part 1

Format	Color
Hex	C28D69
RGB	194, 141, 105
RGB Percent	76%, 55%, 41%
CMY	0.2388, 0.4466, 0.5878
CMYK	0.00, 0.27, 0.46, 0.24
HSL	24°, 42%, 59%
HSV	24°, 46%, 76%
XYZ	34.3728, 31.5869, 17.6766
YIQ	152.7430, 43.1440, 0.0400

Conversions

Conversions Part 2

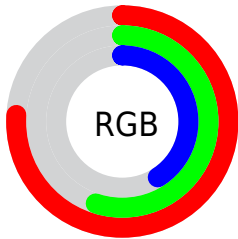
Format	Color
RYB	194, 165, 105
Decimal	12750185
CIELab	63.00, 15.71, 27.10
CIElCh	63, 31.327, 59.899
Yxy	31.5869, 0.4110, 0.3777
Android (android.graphics.Color)	4290940265 (0xFFC28D69)
YUV	152.7430, -23.5373, 36.1824
Hunter-Lab	56.2022, 10.8150, 20.6938

Details

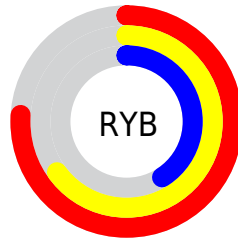
The CIELCh color **63, 31.327, 59.899** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 25.256, 251.981**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 31.064, 60.118**, and **43, 31.387, 60.393** is the 20% darker color. If you saturate the color by 10%, you get **60, 39.348, 59.010**, and if you desaturate by 10%, it is **66, 23.725, 60.834**.

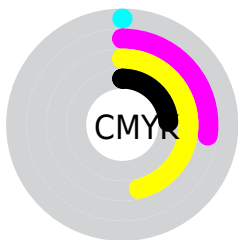
Distribution



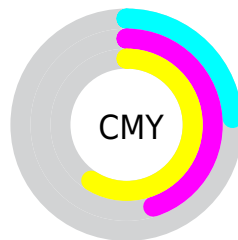
- Red (76%)
- Green (55%)
- Blue (41%)



- Red (76%)
- Yellow (65%)
- Blue (41%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (24%)



- Cyan (24%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 31.327, 59.899 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, 31.327, 59.899 by changing the saturation by 10% instead.

63, 31.327, 59.899

63, 31.327, 59.899

100, 31.327,
59.899

53, 31.327, 59.899

83, 31.327, 59.899

43, 31.327, 59.899

93, 31.327, 59.899

33, 31.327, 59.899

23, 31.327, 59.899

13, 31.327, 59.899

3, 31.327, 59.899

0, 31.327, 59.899

63, 31.327, 59.899

63, 31.327, 59.899

60, 39.348, 59.010

66, 23.725, 60.834

57, 47.687, 58.126

70, 16.570, 61.798

54, 56.085, 57.170

73, 9.846, 62.782

52, 63.976, 55.942

76, 3.525, 63.722

49, 70.367, 54.065

80, 2.433, 245.045

48, 72.794, 53.303

83, 8.066, 245.938

87, 13.412,
246.919

90, 16.702,
240.746

93, 17.242,
215.680

Harmonies

Complementary

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



63, 31.327, 59.899



63, 25.256, 251.981

Rectangle

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



63, 31.327, 59.899



63, 31.327, 109.899



63, 31.327, 239.899



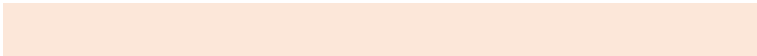
63, 31.327, 289.899

Sweetspot

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



63, 31.326, 59.904



93, 10.707, 62.943



56, 44.249, 342.712



49, 7.503, 62.727



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 31.326, 59.904



76, 47.961, 59.009



74, 42.347, 100.940



39, 3.446, 63.410



40, 62.989, 53.860



6, 11.532, 48.130

Inverse Universe

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



63, 25.256, 251.981



76, 36.621, 254.715



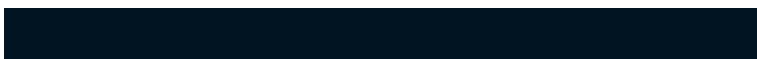
51, 46.679, 292.660



39, 3.324, 245.564



39, 41.732, 272.386



5, 11.574, 259.846

Previews

White Background



This preview shows how the CIELCh color 63, 31.327, 59.899 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, 31.327, 59.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

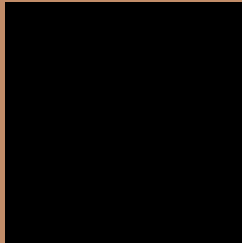
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 31.327, 59.899

Background



This preview shows how black text looks on a background with the CIELCh color 63, 31.327, 59.899.



This preview shows how white text looks on a background with the CIELCh color 63, 31.327, 59.899.

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





Tritanopia
63, 25.484, 9.701

Trichromacy



Original Color
63, 31.327, 59.899

Protanomaly
63, 25.539, 81.502

Deuteranomaly
63, 29.619, 68.084

Tritanomaly
63, 25.095, 30.616

Monochromacy



Original Color
63, 31.327, 59.899

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 10.618, 62.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 31.327, 59.899 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(194, 141, 105)` looks like.

```
.text, #text, p{  
    color:rgb(194, 141, 105)  
}
```

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(194, 141, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 141, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 31.327, 59.899 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(194, 141, 105) }
```

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

```
.border{ border-color:rgb(194, 141, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 141, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 141, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 141, 105);  
box-shadow:4px 4px 4px 4px rgb(194, 141,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 31.327, 59.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 141, 105) }
```

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

```
.background{ background-color: rgb(194,  
141, 105) }
```

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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