

Converting Colors

CIELCh(63, 18.226, 66.726)

Have a look what the booklet for
CIELCh(63, 18.226, 66.726) contains.

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Color

CIELCh(63, 18.253, 66.708)

Conversions

Conversions Part 1

Format	Color
Hex	B0937B
RGB	176, 147, 123
RGB Percent	69%, 58%, 48%
CMY	0.3093, 0.4230, 0.5172
CMYK	0.00, 0.16, 0.30, 0.31
HSL	27°, 25%, 59%
HSV	27°, 30%, 69%
XYZ	31.9722, 31.5869, 23.1919
YIQ	152.9350, 24.9880, -1.3160

Conversions

Conversions Part 2

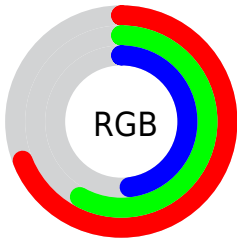
Format	Color
RYB	176, 167, 123
Decimal	11572091
CIELab	63.00, 7.22, 16.77
CIElCh	63, 18.253, 66.708
Yxy	31.5869, 0.3686, 0.3641
Android (android.graphics.Color)	4289762171 (0xFFB0937B)
YUV	152.9350, -14.7580, 20.2280
Hunter-Lab	56.2022, 3.1908, 14.8755

Details

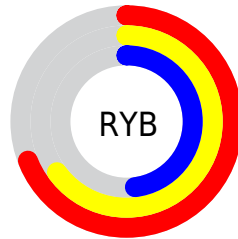
The CIELCh color $63, 18.253, 66.708$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $62, 16.404, 254.618$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 17.996, 66.627$, and $43, 18.428, 65.347$ is the 20% darker color. If you saturate the color by 10%, you get $60, 25.001, 65.594$, and if you desaturate by 10%, it is $66, 11.857, 67.841$.

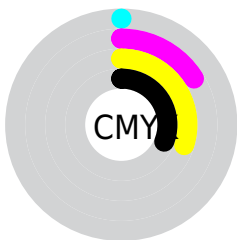
Distribution



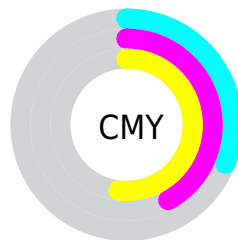
- Red (69%)
- Green (58%)
- Blue (48%)



- Red (69%)
- Yellow (65%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 18.253, 66.708 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, 18.253, 66.708 by changing the saturation by 10% instead.

■ 63, 18.253, 66.708

■ 63, 18.253, 66.708

■ 100, 18.253,
66.708

■ 53, 18.253, 66.708

■ 83, 18.253, 66.708

■ 43, 18.253, 66.708

■ 93, 18.253, 66.708

■ 33, 18.253, 66.708

■ 23, 18.253, 66.708

■ 13, 18.253, 66.708

■ 3, 18.253, 66.708

■ 0, 18.253, 66.708

■ 63, 18.253, 66.708

■ 63, 18.253, 66.708

■ 60, 25.001, 65.594

■ 66, 11.857, 67.841

57, 32.094, 64.480

69, 5.797, 68.947

55, 39.473, 63.365

72, 0.048, 62.461

52, 46.988, 62.201

75, 5.422, 251.320

50, 54.295, 60.877

78, 10.642,
252.374

48, 60.738, 59.148

81, 15.642,
253.420

46, 65.914, 57.020

84, 20.448,
254.437

87, 21.694,
246.997

90, 20.965,
230.257

Harmonies

Complementary

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



63, 18.253, 66.708



62, 16.404, 254.618

Rectangle

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



63, 18.253, 66.708



63, 18.253, 116.708



63, 18.253, 246.708



63, 18.253, 296.708

Sweetspot

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



63, 18.253, 66.716



88, 6.392, 69.046



58, 26.239, 343.650



46, 4.455, 68.894



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 18.253, 66.716



78, 27.571, 65.982



70, 27.210, 105.096



36, 3.281, 69.028



40, 59.244, 57.477



4, 7.511, 57.972

Inverse Universe

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



62, 16.404, 254.618



76, 24.130, 255.943



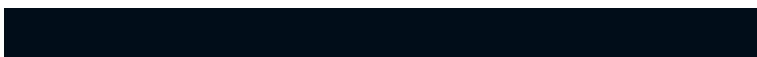
54, 29.028, 291.873



36, 3.189, 251.352



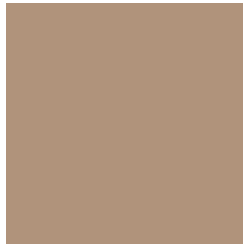
35, 44.229, 278.277



3, 8.449, 261.983

Previews

White Background



This preview shows how the CIELCh color 63, 18.253, 66.708 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, 18.253, 66.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

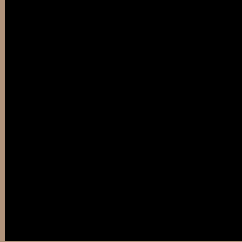
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 18.253, 66.708

Background



This preview shows how black text looks on a background with the CIELCh color 63, 18.253, 66.708.



This preview shows how white text looks on a background with the CIELCh color 63, 18.253, 66.708.

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, 18.253, 66.708

Protanopia

63, 14.928, 94.166

Deuteranopia

63, 18.552, 65.753



Tritanopia
63, 15.742, 358.212

Trichromacy



Original Color
63, 18.253, 66.708

Protanomaly
63, 15.655, 81.763

Deuteranomaly
63, 18.552, 65.753

Tritanomaly
63, 13.774, 25.303

Monochromacy



Original Color
63, 18.253, 66.708

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.393, 71.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 18.253, 66.708 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(176, 147, 123)` looks like.

```
.text, #text, p{  
    color:rgb(176, 147, 123)  
}
```

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(176, 147, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 147, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 18.253, 66.708 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(176, 147, 123) }
```

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

```
.border{ border-color:rgb(176, 147, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 147, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 147, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 147, 123);  
box-shadow:4px 4px 4px 4px rgb(176, 147,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 18.253, 66.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 147, 123) }
```

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

```
.background{ background-color: rgb(176,  
147, 123) }
```

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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