

Converting Colors

CIELCh(63, 17.327, 62.319)

Have a look what the booklet for
CIELCh(63, 17.327, 62.319) contains.

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Color

CIELCh(63, 17.301, 62.334)

Conversions

Conversions Part 1

Format	Color
Hex	B1937E
RGB	177, 147, 126
RGB Percent	69%, 58%, 49%
CMY	0.3071, 0.4247, 0.5070
CMYK	0.00, 0.17, 0.29, 0.31
HSL	25°, 25%, 59%
HSV	25°, 29%, 69%
XYZ	32.1977, 31.5869, 24.0423
YIQ	153.5760, 24.6210, -0.1710

Conversions

Conversions Part 2

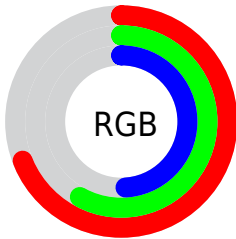
Format	Color
RYB	177, 162, 126
Decimal	11637630
CIELab	63.00, 8.03, 15.32
CIELCh	63, 17.301, 62.334
Yxy	31.5869, 0.3666, 0.3596
Android (android.graphics.Color)	4289827710 (0xFFB1937E)
YUV	153.5760, -13.5950, 20.5428
Hunter-Lab	56.2022, 3.9070, 13.9784

Details

The CIELCh color **63, 17.301, 62.334** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63, 15.309, 249.302**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 17.105, 62.362**, and **43, 17.429, 60.743** is the 20% darker color. If you saturate the color by 10%, you get **60, 24.037, 61.363**, and if you desaturate by 10%, it is **66, 10.961, 63.342**.

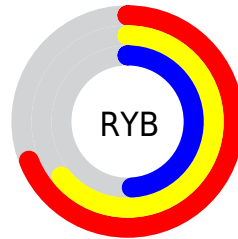
Distribution



Red (69%)

Green (58%)

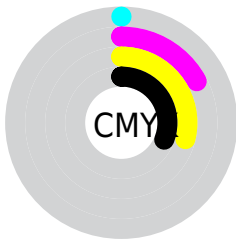
Blue (49%)



Red (69%)

Yellow (64%)

Blue (49%)

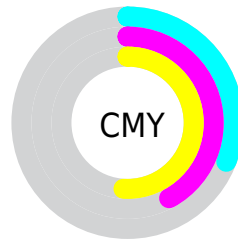


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 17.301, 62.334 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, 17.301, 62.334 by changing the saturation by 10% instead.

■ 63, 17.301, 62.334

■ 63, 17.301, 62.334

■ 100, 17.301,
62.334

■ 53, 17.301, 62.334

■ 83, 17.301, 62.334

■ 43, 17.301, 62.334

■ 93, 17.301, 62.334

■ 33, 17.301, 62.334

■ 23, 17.301, 62.334

■ 13, 17.301, 62.334

■ 3, 17.301, 62.334

■ 0, 17.301, 62.334

■ 63, 17.301, 62.334

■ 63, 17.301, 62.334

■ 60, 24.037, 61.363

■ 66, 10.961, 63.342

57, 31.173, 60.416

69, 4.992, 64.330

54, 38.670, 59.495

72, 0.636, 246.069

52, 46.402, 58.564

76, 5.960, 246.542

49, 54.076, 57.521

79, 11.014,
247.527

47, 61.077, 56.130

82, 15.829,
248.510

45, 66.785, 54.230

44, 67.469, 54.064

86, 20.436,
249.471

88, 20.929,
237.618

91, 21.304,
219.421

Harmonies

Complementary

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



63, 17.301, 62.334



63, 15.309, 249.302

Rectangle

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



63, 17.301, 62.334



63, 17.301, 112.334



63, 17.301, 242.334



63, 17.301, 292.334

Sweetspot

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



63, 17.301, 62.342



88, 6.285, 64.301



59, 26.042, 340.956



46, 4.382, 64.164



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, 17.301, 62.342



78, 26.514, 61.678



70, 24.944, 102.780



36, 3.226, 64.285



38, 60.464, 54.521



4, 7.497, 53.809

Inverse Universe

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



63, 15.309, 249.302



77, 22.700, 250.583



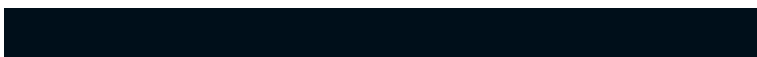
56, 26.312, 289.506



36, 3.116, 246.452



37, 40.724, 273.157



4, 8.165, 257.913

Previews

White Background



This preview shows how the CIELCh color 63, 17.301, 62.334 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, 17.301, 62.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

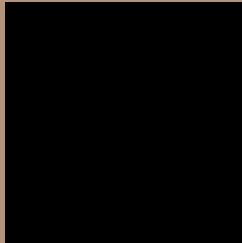
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 17.301, 62.334

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.301, 62.334.



This preview shows how white text looks on a background with the CIELCh color 63, 17.301, 62.334.

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, 17.301, 62.334

Protanopia

63, 13.853, 93.212

Deuteranopia

63, 17.301, 62.334



Tritanopia
63, 15.742, 358.212

Trichromacy



Original Color
63, 17.301, 62.334

Protanomaly
63, 14.655, 80.024

Deuteranomaly
63, 17.301, 62.334

Tritanomaly
63, 14.083, 20.768

Monochromacy



Original Color
63, 17.301, 62.334

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.235, 65.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.301, 62.334 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(177, 147, 126)` looks like.

```
.text, #text, p{  
    color:rgb(177, 147, 126)  
}
```

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(177, 147, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 147, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.301, 62.334 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(177, 147, 126) }
```

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

```
.border{ border-color:rgb(177, 147, 126) }
```

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

Here you see how a box with a 4 pixel rgb(177, 147, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 147, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 147, 126);  
box-shadow:4px 4px 4px 4px rgb(177, 147,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.301, 62.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 147, 126) }
```

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

```
.background{ background-color: rgb(177,  
147, 126) }
```

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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