

Converting Colors

CIELCh(63, 26.925, 100.399)

Have a look what the booklet for
CIELCh(63, 26.925, 100.399)
contains.

CIELCh(63, 27.167, 100.837)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 27.167, 100.837)

Conversions

Conversions Part 1

Format	Color
Hex	A19A69
RGB	161, 154, 105
RGB Percent	63%, 60%, 41%
CMY	0.3697, 0.3971, 0.5892
CMYK	0.00, 0.04, 0.35, 0.37
HSL	53°, 23%, 52%
HSV	53°, 35%, 63%
XYZ	28.6916, 31.5869, 17.8814
YIQ	150.5070, 19.9010, -13.7550

Conversions

Conversions Part 2

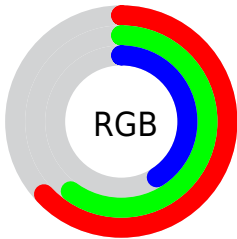
Format	Color
RYB	113, 161, 105
Decimal	10590825
CIELab	63.00, -5.11, 26.68
CIElCh	63, 27.167, 100.837
Yxy	31.5869, 0.3671, 0.4041
Android (android.graphics.Color)	4288780905 (0xFFA19A69)
YUV	150.5070, -22.4350, 9.2024
Hunter-Lab	56.2022, -7.2287, 20.4777

Details

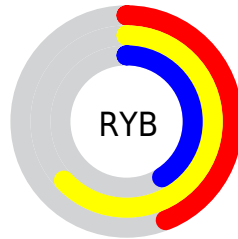
The CIELCh color **63, 27.167, 100.837** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48, 28.874, 289.306**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 26.924, 100.168**, and **43, 27.072, 101.156** is the 20% darker color. If you saturate the color by 10%, you get **62, 34.772, 99.749**, and if you desaturate by 10%, it is **64, 19.412, 101.931**.

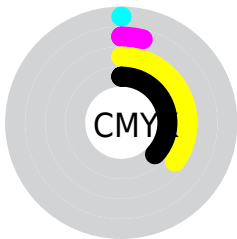
Distribution



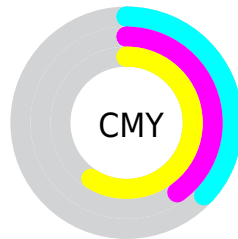
- Red (63%)
- Green (60%)
- Blue (41%)



- Red (44%)
- Yellow (63%)
- Blue (41%)



- Cyan (0%)
- Magenta (4%)
- Yellow (35%)
- Black (37%)





- Cyan (37%)
- Magenta (40%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 27.167, 100.837 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, 27.167, 100.837 by changing the saturation by 10% instead.


 63, 27.167,
100.837


 63, 27.167,
100.837


 100, 27.167,
100.837


 53, 27.167,
100.837


 83, 27.167,
100.837

 43, 27.167,
100.837

 93, 27.167,
100.837

 33, 27.167,
100.837

 23, 27.167,
100.837

 13, 27.167,
100.837

 3, 27.167, 100.837

 0, 27.167, 100.837

63, 27.167,
100.837

63, 27.167,
100.837

62, 34.772, 99.749

64, 19.412,
101.931

61, 42.075, 98.667

65, 11.592,
103.006

61, 48.842, 97.611

60, 54.718, 96.592

66, 3.764, 104.043

59, 59.238, 95.615

67, 4.041, 285.120

59, 61.966, 94.670

68, 11.804,
286.093

59, 63.021, 94.191

69, 19.514,
287.039

70, 27.164,
287.943

71, 34.752,
288.805

■ 72, 42.273,
289.621

Harmonies

Complementary

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



63, 27.167, 100.837



48, 28.874, 289.306

Rectangle

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



63, 27.167, 100.837



63, 27.167, 150.837



63, 27.167, 280.837



63, 27.167, 330.837

Sweetspot

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



63, 27.168, 100.841



83, 9.679, 103.495



50, 24.029, 12.293



43, 6.592, 103.357



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 27.168, 100.841



79, 40.422, 99.970



63, 31.809, 122.480



34, 4.474, 103.589



53, 58.582, 94.272



4, 6.722, 102.720

Inverse Universe

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



48, 28.874, 289.306



57, 43.781, 290.792



48, 33.886, 306.376



32, 4.545, 285.604



18, 81.423, 304.095



1, 7.067, 285.162

Previews

White Background



This preview shows how the CIELCh color 63, 27.167, 100.837 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, 27.167, 100.837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

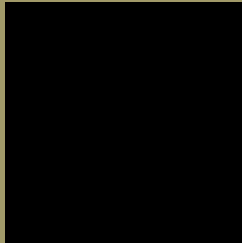
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 27.167, 100.837

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.167, 100.837.



This preview shows how white text looks on a background with the CIELCh color 63, 27.167, 100.837.

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, 27.167, 100.837

Protanopia

63, 27.130, 95.277

Deuteranopia

63, 27.537, 72.903



Tritanopia
63, 9.882, 341.965

Trichromacy



Original Color
63, 27.167, 100.837

Protanomaly
63, 27.380, 98.118

Deuteranomaly
63, 26.350, 83.197

Tritanomaly
63, 8.528, 60.488

Monochromacy



Original Color
63, 27.167, 100.837

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 9.552, 101.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.167, 100.837 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(161, 154, 105)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 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(161, 154, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.167, 100.837 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(161, 154, 105) }
```

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

```
.border{ border-color:rgb(161, 154, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 105);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.167, 100.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 105) }
```

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

```
.background{ background-color: rgb(161,  
154, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor