

Converting Colors

CIELCh(63, 30.833, 92.065)

Have a look what the booklet for
CIELCh(63, 30.833, 92.065) contains.

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Color

CIELCh(63, 30.867, 92.035)

Conversions

Conversions Part 1

Format	Color
Hex	A99761
RGB	169, 151, 97
RGB Percent	66%, 59%, 38%
CMY	0.3359, 0.4065, 0.6183
CMYK	0.00, 0.11, 0.43, 0.34
HSL	45°, 30%, 52%
HSV	45°, 43%, 66%
XYZ	29.7334, 31.5869, 15.9180
YIQ	150.2260, 28.0620, -12.9780

Conversions

Conversions Part 2

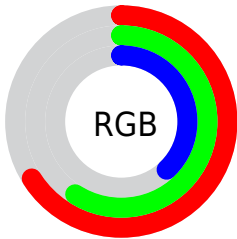
Format	Color
RYB	121, 169, 97
Decimal	11114337
CIELab	63.00, -1.10, 30.85
CIELCh	63, 30.867, 92.035
Yxy	31.5869, 0.3850, 0.4090
Android (android.graphics.Color)	4289304417 (0xFFA99761)
YUV	150.2260, -26.2404, 16.4648
Hunter-Lab	56.2022, -3.9196, 22.5490

Details

The CIELCh color **63, 30.867, 92.035** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 31.949, 284.013**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 30.978, 92.327**, and **43, 30.784, 91.997** is the 20% darker color. If you saturate the color by 10%, you get **62, 38.067, 90.738**, and if you desaturate by 10%, it is **64, 23.559, 93.311**.

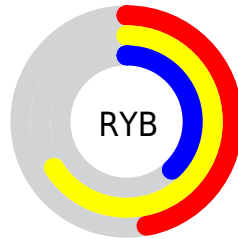
Distribution



Red (66%)

Green (59%)

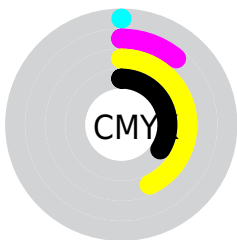
Blue (38%)



Red (47%)

Yellow (66%)

Blue (38%)

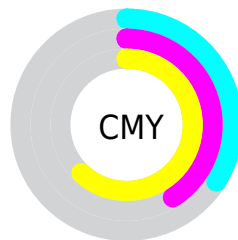


Cyan (0%)

Magenta (11%)

Yellow (43%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 30.867, 92.035 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, 30.867, 92.035 by changing the saturation by 10% instead.

63, 30.867, 92.035

63, 30.867, 92.035

100, 30.867,
92.035

53, 30.867, 92.035

83, 30.867, 92.035

43, 30.867, 92.035

93, 30.867, 92.035

33, 30.867, 92.035

23, 30.867, 92.035

13, 30.867, 92.035

3, 30.867, 92.035

0, 30.867, 92.035

63, 30.867, 92.035

63, 30.867, 92.035

62, 38.067, 90.738

64, 23.559, 93.311

■ 60, 44.971, 89.404

■ 66, 16.246, 94.551

■ 59, 51.270, 88.019

■ 67, 8.982, 95.751

■ 58, 56.481, 86.540

■ 69, 1.798, 96.847

■ 57, 60.002, 84.885

■ 71, 5.295, 278.096

■ 56, 61.729, 83.555

■ 72, 12.293,
279.157

■ 74, 19.196,
280.183

■ 76, 26.008,
281.162

■ 77, 32.733,
282.092

Harmonies

Complementary

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



63, 30.867, 92.035



49, 31.949, 284.013

Rectangle

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



63, 30.867, 92.035



63, 30.867, 142.035



63, 30.867, 272.035



63, 30.867, 322.035

Sweetspot

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



63, 30.868, 92.039



85, 11.502, 95.669



50, 31.604, 3.568



45, 8.047, 95.416



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 30.868, 92.039



78, 45.614, 90.821



67, 39.294, 116.592



35, 4.026, 96.129



49, 55.929, 83.803



5, 6.807, 92.212

Inverse Universe

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



49, 31.949, 284.013



58, 47.904, 286.181



46, 43.277, 302.793



33, 4.056, 278.382



22, 72.240, 300.061



1, 7.615, 279.475

Previews

White Background



This preview shows how the CIELCh color 63, 30.867, 92.035 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, 30.867, 92.035 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, 30.867, 92.035

Background



This preview shows how black text looks on a background with the CIELCh color 63, 30.867, 92.035.



This preview shows how white text looks on a background with the CIELCh color 63, 30.867, 92.035.

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, 30.867, 92.035

Protanopia

63, 30.800, 96.209

Deuteranopia

63, 31.377, 74.903



Tritanopia
63, 13.563, 353.962

Trichromacy



Original Color
63, 30.867, 92.035

Protanomaly
63, 30.497, 94.455

Deuteranomaly
63, 31.113, 81.004

Tritanomaly
63, 12.957, 53.973

Monochromacy



Original Color
63, 30.867, 92.035

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 11.499, 94.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 30.867, 92.035 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(169, 151, 97)` looks like.

```
.text, #text, p{  
    color:rgb(169, 151, 97)  
}
```

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(169, 151, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 151, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 30.867, 92.035 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(169, 151, 97) }
```

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

```
.border{ border-color:rgb(169, 151, 97) }
```

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

Here you see how a box with a 4 pixel rgb(169, 151, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 151, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 151, 97);  
box-shadow:4px 4px 4px 4px rgb(169, 151,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 30.867, 92.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 151, 97) }
```

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

```
.background{ background-color: rgb(169,  
151, 97) }
```

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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