

Converting Colors

CIELCh(63, 37.077, 60.077)

Have a look what the booklet for
CIELCh(63, 37.077, 60.077) contains.

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Color

CIELCh(63, 37.101, 60.243)

Conversions

Conversions Part 1

Format	Color
Hex	C88B60
RGB	200, 139, 96
RGB Percent	78%, 55%, 38%
CMY	0.2157, 0.4549, 0.6235
CMYK	0.00, 0.30, 0.52, 0.22
HSL	25°, 49%, 58%
HSV	25°, 52%, 78%
XYZ	35.1611, 31.5869, 15.3090
YIQ	152.3370, 50.1590, -0.4410

Conversions

Conversions Part 2

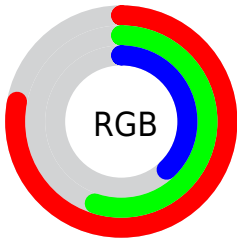
Format	Color
R_{YB}	200, 169, 96
Decimal	13142880
CIE _{Lab}	63.00, 18.41, 32.21
CIE _{LCh}	63, 37.101, 60.243
Yxy	31.5869, 0.4285, 0.3849
Android (android.graphics.Color)	4291332960 (0xFFC88B60)
YUV	152.3370, -27.7741, 41.8005
Hunter-Lab	56.2022, 13.3188, 23.1915

Details

The CIELCh color **63, 37.101, 60.243** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 29.179, 254.831**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 35.840, 62.413**, and **43, 37.276, 60.753** is the 20% darker color. If you saturate the color by 10%, you get **60, 45.503, 59.313**, and if you desaturate by 10%, it is **66, 29.062, 61.200**.

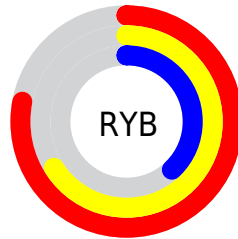
Distribution



Red (78%)

Green (55%)

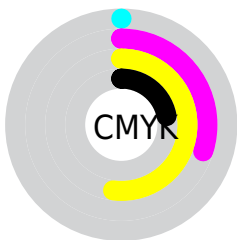
Blue (38%)



Red (78%)

Yellow (66%)

Blue (38%)

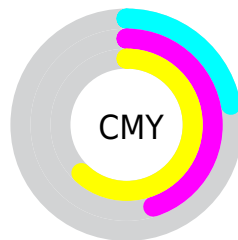


Cyan (0%)

Magenta (30%)

Yellow (52%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 37.101, 60.243 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, 37.101, 60.243 by changing the saturation by 10% instead.

 63, 37.101, 60.243

 63, 37.101, 60.243

 100, 37.101,
60.243

 53, 37.101, 60.243

 83, 37.101, 60.243

 43, 37.101, 60.243

 93, 37.101, 60.243

 33, 37.101, 60.243

 23, 37.101, 60.243

 13, 37.101, 60.243

 3, 37.101, 60.243

 0, 37.101, 60.243

 63, 37.101, 60.243

 63, 37.101, 60.243

 60, 45.503, 59.313

 66, 29.062, 61.200

57, 54.074, 58.339

70, 21.458, 62.183

54, 62.367, 57.178

73, 14.300, 63.193

52, 69.518, 55.519

76, 7.565, 64.206

50, 74.122, 53.831

80, 1.220, 64.957

83, 4.774, 246.450

87, 10.457,
247.433

91, 15.506,
247.049

94, 15.450,
219.038

Harmonies

Complementary

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



63, 37.101, 60.243



62, 29.179, 254.831

Rectangle

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



63, 37.101, 60.243



63, 37.101, 110.243



63, 37.101, 240.243



63, 37.101, 290.243

Sweetspot

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



63, 37.100, 60.248



93, 12.444, 63.780



55, 50.854, 343.450



49, 8.456, 63.568



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, 37.100, 60.248



75, 55.552, 59.229



76, 48.832, 100.284



40, 3.531, 64.464



41, 63.449, 54.421



6, 13.075, 47.862

Inverse Universe

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



62, 29.179, 254.831



74, 41.315, 258.226



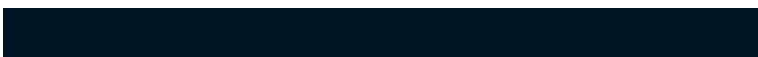
48, 54.907, 294.009



40, 3.410, 246.667



40, 43.030, 273.664



6, 12.676, 261.445

Previews

White Background



This preview shows how the CIELCh color 63, 37.101, 60.243 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, 37.101, 60.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

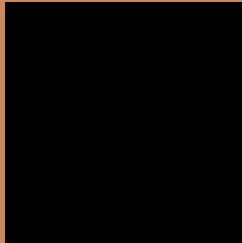
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 37.101, 60.243

Background



This preview shows how black text looks on a background with the CIELCh color 63, 37.101, 60.243.



This preview shows how white text looks on a background with the CIELCh color 63, 37.101, 60.243.

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, 37.101, 60.243

Protanopia

63, 29.219, 95.862

Deuteranopia

63, 33.541, 75.868



Tritanopia
63, 29.209, 11.808

Trichromacy



Original Color
63, 37.101, 60.243

Protanomaly
63, 30.406, 81.391

Deuteranomaly
63, 34.475, 69.722

Tritanomaly
63, 29.396, 31.889

Monochromacy



Original Color
63, 37.101, 60.243

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 12.370, 62.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 37.101, 60.243 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(200, 139, 96)` looks like.

```
.text, #text, p{  
    color:rgb(200, 139, 96)  
}
```

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(200, 139, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 139, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 37.101, 60.243 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(200, 139, 96) }
```

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

```
.border{ border-color:rgb(200, 139, 96) }
```

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

Here you see how a box with a 4 pixel rgb(200, 139, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 139, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 139, 96);  
box-shadow:4px 4px 4px 4px rgb(200, 139,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 37.101, 60.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 139, 96) }
```

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

```
.background{ background-color: rgb(200,  
139, 96) }
```

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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